

As we work on the 2022-2023 livestream calendar, our past calendar provides an example of what can be expected for the coming academic year.

Date	Time	Content Partner	Title	Description	Grade Range
8/30/2021	11:10 AM	Author Brianna DuMont	Humorous History: The Mona Lisa Mystery	The Mona Lisa was stolen! Did you know that theft made her the most famous painting in the world? Using the thief's testimony from 1912, students get to be the jury and decide if the thief was innocent or guilty. Together, we answer how modern historians look at the same primary source and ask the exact same questions.	4-6
8/30/2021	1:10 PM	Author Brianna DuMont	Humorous History: The Mona Lisa Mystery	The Mona Lisa was stolen! Did you know that theft made her the most famous painting in the world? Using the thief's testimony from 1912, students get to be the jury and decide if the thief was innocent or guilty. Together, we answer how modern historians look at the same primary source and ask the exact same questions.	4-6
8/30/2021	12:10 PM	Museum of Health Care at Kingston	Funny Bones	"The leg bone's connected to the hip bone..." Examine the human skeleton while learning how bones give us structure and help us move. Discover the history of the x-ray and learn how to keep our bones safe and healthy! This session is sure to be humerus! We will examine museum artifacts including x-ray viewers and light boxes, real human bone examples, first aid equipment, and historic photos.	1-4
8/30/2021	2:10 PM	Museum of Health Care at Kingston	Funny Bones	"The leg bone's connected to the hip bone..." Examine the human skeleton while learning how bones give us structure and help us move. Discover the history of the x-ray and learn how to keep our bones safe and healthy! This session is sure to be humerus! We will examine museum artifacts including x-ray viewers and light boxes, real human bone examples, first aid equipment, and historic photos.	1-4
8/31/2021	12:10 PM	Manitoba Museum	Exploring the Universe: The Big Questions	Exploring the Universe examines some of the big questions in science: Where did the universe come from? What is it made of? How do we know what we know? How has our understanding changed throughout human history? We'll use the Planetarium's DIGISTAR software to explore the planets and stars, visit distant galaxies, and use Canadian technology to see the universe in a different light.	6-12
8/31/2021	11:10 AM	Memphis Zoo	Zambezi River Hippo Adventure	The Zambezi River is home to a diverse group of animals in Africa. In this live program, we will visit behind the scenes with Zoo Dude, learn about the river system, and how animals like hippos thrive in a river habitat!	PK, K-2
8/31/2021	1:10 PM	Memphis Zoo	Zambezi River Hippo Adventure	The Zambezi River is home to a diverse group of animals in Africa. In this live program, we will visit behind the scenes with Zoo Dude, learn about the river system, and how animals like hippos thrive in a river habitat!	PK, K-2
9/1/2021	12:10 PM	North Carolina Zoo	Gorillas: The Gentle Giants of the Forest	International Primate Day is an annual educational observance that speaks for all higher and lower primates. Today, we will celebrate this day with a program hosted by the North Carolina Zoo. Find out why gorillas have such large bellies, are called gentle giants, and how the Zoo works with these smart primates to help keep them healthy.	6-12
9/1/2021	2:10 PM	North Carolina Zoo	Gorillas: The Gentle Giants of the Forest	International Primate Day is an annual educational observance that speaks for all higher and lower primates. Today, we will celebrate this day with a program hosted by the North Carolina Zoo. Find out why gorillas have such large bellies, are called gentle giants, and how the Zoo works with these smart primates to help keep them healthy.	6-12
9/1/2021	11:10 AM	Science Museum of Virginia	Scientific Method	Put your observation and prediction skills to the test as we go step-by-step through an exciting science experiment. What can we learn and what can we do differently the next time?	2-6
9/1/2021	1:10 PM	Science Museum of Virginia	Scientific Method	Put your observation and prediction skills to the test as we go step-by-step through an exciting science experiment. What can we learn and what can we do differently the next time?	2-6
9/2/2021	11:10 AM	North Carolina Maritime Museum at Southport	Rain, Rain, Go Away: Hurricanes	Together, let's learn all about hurricanes. We will discuss their anatomy, how they have shaped the Atlantic coastline, and the systems used to warn mariners and coastal communities of impending storms.	1-5
9/2/2021	1:10 PM	North Carolina Maritime Museum at Southport	Rain, Rain, Go Away: Hurricanes	Together, let's learn all about hurricanes. We will discuss their anatomy, how they have shaped the Atlantic coastline, and the systems used to warn mariners and coastal communities of impending storms.	1-5
9/3/2021	2:10 PM	Literacy Chef	Author Read Aloud and Mindful of Me Lesson with Mama Bear's Magic	This program is designed to have primary age students develop their emotional understanding of fears and how they can be overcome. Through individual, collaborative, written, and creative learning opportunities, students will learn to embrace their own process and realize that fears do not have to be forever.	K-2
9/3/2021	12:10 PM	The Museum at Liberty Hall	America's Revolutionary Fight for Freedom	Museum educators in period dress will guide students on a virtual journey through Liberty Hall. In this historic colonial setting, students will see artifacts from the collection, learn how the events leading up to the American Revolution shaped the difficult decisions faced by New Jersey colonists, and debate whether they should support the patriot cause, remain loyal to King George III, or stay out of the conflict with the Quakers.	3-6
9/7/2021	12:10 PM	Maritime Museum of British Columbia	Exploring the Past Through Objects and Archives	This program helps students think about why museums exist and what work they do. Using archives and historical objects from the museum's collection, students will investigate the past to talk about what stories museums tell and what objects they use to tell those stories. Students will learn about skills that can be used across subjects as they think critically about how we know what we know about the past.	5-7
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9/7/2021	11:10 AM	Texas State Aquarium	Virtual Classroom: Fish	Let's talk fishes as your students observe, compare, and contrast the diversity of fishes in aquarium habitats. Together, we will distinguish between fish body shapes, infer how shapes help them survive and thrive in their habitats, and create a special fish drawing.	PK, K-2
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9/8/2021	2:10 PM	Chicago Cultural Center	Chicago: Where the Comics Came to Life	Comics are meant to be read and not just seen. Check out this amazing exhibition of Comics that tell stories of everyday existence rooted in Chicago's neighborhoods. See the important work of the first African American and woman cartoonists widely published in newspapers. Meet contemporary cartoonists and discover how they are continuing (or bucking) the traditions that came before them.	6-12
9/8/2021	11:10 AM	North Carolina 4-H Camps	Pollinators: Winged Wonders	E.O Wilson once called butterflies the "flowers of the air." Beautiful with brilliant colors and graceful flight, butterflies enhance our landscapes, play a pivotal role in pollination, and let us know if an ecosystem is healthy or not. In this fascinating and beautiful adventure, students will learn about the butterfly life cycle, pollination, and how to create habitats small and large that support these majestic creatures. Students will even learn how to attract their very own butterflies!	3-7

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9/9/2021	11:10 AM	Author Ginjer Clarke	Writers' Workshop: How Does a Book Get Made?	Nonfiction science author Ginjer Clarke explains the steps of creating a nonfiction book using examples from her own books, as well as detailing the roles of the various team members (author, illustrator, editor, etc.) involved in creating a book.	PK, K-2
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9/9/2021	12:10 PM	Ocean Wise	Plastic Pollution: Slowing the Flow	We use plastic every day of our lives, from keeping our food fresh to face masks and gloves. It is cheap, useful, but a danger to the environment. What can we do to make a positive difference? Share your ideas and explore ways to tackle plastic pollution with Ocean Wise!	4-7
9/10/2021	12:10 PM	Virginia War Memorial	Unfurling the Freedom Flag	Join the Virginia War Memorial as we host a very special reading of "Unfurling the Freedom Flag" by teacher and author Tara Riley Krohn. "Unfurling the Freedom Flag" tells the story of how the Freedom Flag, Virginia's symbol of remembrance for 9/11, was created and what its symbols mean. This picture book, targeted towards Elementary-aged audiences, gives an age appropriate overview of the events of 9/11 and focuses on the patriotic ways we have chosen to remember.	K-5
9/13/2021	11:10 AM	Mount Washington Observatory	The Science of Tornadoes	Tornadoes evoke both fear and awe, but their formation only occurs under a unique set of circumstances. Take a virtual journey to "Tornado Alley" to learn all about the science behind nature's most destructive force.	3-8
9/13/2021	1:10 PM	Mount Washington Observatory	The Science of Tornadoes	Tornadoes evoke both fear and awe, but their formation only occurs under a unique set of circumstances. Take a virtual journey to "Tornado Alley" to learn all about the science behind nature's most destructive force.	3-8
9/13/2021	12:10 PM	Virginia Zoo	Studying Snakes	Join the Virginia Zoo as we study one of our favorite animals, snakes! During this program, you will learn all about the amazing adaptations that help snakes survive and how these traits make them different from other types of animals. Throughout the program, you will also discover the important role that these animals play in their habitats.	PK, K-2
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9/14/2021	12:10 PM	Living Maths	Math in the Real World: Television	Live from South Africa, join Mr. S as we explore Math in the Real World. Today, we will explore math and television. Have you ever thought about how much math goes into the making a TV program or TV Series? Get ready to find out.	1-3
9/14/2021	11:10 AM	Roper Mountain Science Center	Super Cold Science	In this super cool lesson, we will use liquid nitrogen to show how solids, liquids, and gases are affected by extreme changes in temperature. Participants will learn how water is different from most other materials and watch the properties of materials change before their eyes.	4-7
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9/14/2021	2:10 PM	Virginia Museum of Contemporary Art	She Says: Women, Words and Power	This exhibition presents a broad range of approaches that contemporary women artists are using with the incorporation of text as an essential part of their artistic practice. Their use of text navigates a delicate balance between image and language, personal and universal, or politics and poetry. In their investigations and declarations, we find connection, identity, and a mirror reflecting not only ourselves but the world in which we live. Our tours use a selection of works from our current exhibitions to foster close observation, critical-thinking, and rich discussions that support learning standards through an inquiry-based approach.	K-5
9/15/2021	12:10 PM	History San José	Adobe Days	Transport your class to the first Spanish town of Alta California—El Pueblo de San José de Guadalupe. History San José takes students on an excursion of the oldest house in San José, built in 1778. Together, we will explore several aspects of Spanish colonial life—cattle-ranching, cooking, and candle-making—to imagine how Spanish settlers adapted to their new normal and changed the landscape of the future state of California. Focus question: How did Spanish settlers adapt their colonial lifestyle to Alta California?	3-6
9/16/2021	12:10 PM	Manitoba Museum	Exploring the Fur Trade in Canada	This program introduces participants to the big picture of the fur trade in Canada. We will investigate the different roles of those involved in the fur trade (e.g. trappers and traders) and the development of fur trading companies. Participants will learn how a trading post worked and uncover some of the technologies, objects, and ideas traded between Europeans and First Nations people.	4-6
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9/16/2021	11:10 AM	North Carolina Aquarium at Pine Knoll Shores	Animal Athletes	Animals are some of the world's greatest athletes and able to perform amazing physical feats. During this program, participants will use their body to move, capture prey, avoid a predator, or defend themselves just like our animal ambassadors.	K-2
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9/17/2021	12:10 PM	Delaware Historical Society	1st Amendment Rights and Responsibilities	What constitutes civic engagement? Why does it matter? Is civic engagement worth the effort? The rights established by the 1st Amendment are imperative to the workings of American democracy and essential for citizenship in a diverse society. Along with these rights come responsibilities. Citizens fulfill their responsibilities by active participation in government and society in a multitude of ways, to engage with and even challenge their elected representatives, and to develop and communicate their values and opinions. Examining the rights set forth in the 1st Amendment and utilizing primary sources related to the topics of immigration, voting rights, desegregation, and eminent domain, students will explore the ways in which Delaware citizens have been active participants in the political process throughout Delaware's history.	6-12

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9/17/2021	11:10 AM	Living Maths	Puzzles, Problems, and Games: Number Games	Live from South Africa, join Mr. S, your mathemagics guide, on a wonderful journey of exploration and discovery using math as the vehicle. Problem solving, critical thinking, and creative thinking skills will be explored through a digital, interactive whiteboard. Put your thinking cap on and get ready for some fun. Today's focus is on number games.	1-3
9/17/2021	1:10 PM	Living Maths	Puzzles, Problems, and Games: Algebra	Live from South Africa, join Mr. S, your mathemagics guide, on a wonderful journey of exploration and discovery using math as the vehicle. Problem solving, critical thinking, and creative thinking skills will be explored through a digital, interactive whiteboard. Put your thinking cap on and get ready for some fun. Today's focus is algebra.	4-6
9/20/2021	12:10 PM	Museum of the Rockies	Montana Dinosaurs 101	Join us to learn all about Montana's dinosaurs! From Tyrannosaurus Rex to Triceratops, Montana is home to some of the world's most famous dinosaur discoveries. In this program, you will learn where some of Museum of the Rockies' best fossils have been discovered in the state, and why Montana's geology is perfect for some of the world's most famous dinosaurs.	2-6
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9/20/2021	11:10 AM	Putnam Museum and Science Center	Ancient Egypt: Isis Nefert	A costumed interpreter makes a dramatic presentation on the life of this temple chantress. This peek at life in ancient Egypt also includes a "demonstration" of the mummification process!	3-5
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9/21/2021	12:10 PM	Arizona-Sonora Desert Museum	Animal Yoga	Yoga meets nature! Breathe like a Beaver. Stretch like a Snake. Ponder like a Puma. Join Amy as she guides you through a slightly silly animal yoga session. We will stretch, breathe, meditate, relax and most likely giggle a bit. Fun facts about desert plants and animals will be interspersed throughout the program. Bring your favorite stuffed animal, which will help guide our practice for the day!	PK, K-3
9/21/2021	11:10 AM	Astronomer Dr. Valerie Rapson	Constellations in the Fall Night Sky	As Fall approaches and the nights get cool, Pegasus hangs high in the Southern sky. Mars, Jupiter and Saturn all grace the fall evening sky this year, along with other star clusters and nebula. Join us as we tour the fall night sky and explore the history behind some of the constellations.	4-8
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9/22/2021	12:10 PM	Author Debi Novotny	Phonics (Sprinkled with Magic): Two Letter Words	My Magic Hat Rules! is a phonological awareness lesson based book written to help students learn how to take words apart and sound out words, especially those in word families. (he, be, we, she, me) Each new word is pulled from the Magic Hat, while experienced teacher and author, Debi Novotny, encourages participation by modeling how to sound out, read, and write each new word! This story also offers a predictable rhyming pattern that boosts the confidence of even the most reluctant reader. Come along and enjoy the magic of reading with Debi, Magic Hat, Magic Wand, and Puppet Rhyming Rabbit!	PK, K-2
9/22/2021	11:10 AM	Author Ginjer Clarke	Writers' Workshop: Young Author's Club	Nonfiction science author Ginjer Clarke shares her passion for writing with aspiring young authors through a variety of quick, fun writing and revision exercises, advice from her 25-plus years as a children's editor and published author, as well as helpful resources.	3-6
9/22/2021	1:10 PM	Author Ginjer Clarke	Writers' Workshop: Young Author's Club	Nonfiction science author Ginjer Clarke shares her passion for writing with aspiring young authors through a variety of quick, fun writing and revision exercises, advice from her 25-plus years as a children's editor and published author, as well as helpful resources.	3-6
9/22/2021	2:10 PM	Science Museum of Virginia	Cow Eye Dissection	You won't believe your eyes! Watch an educator dissect a cow eye while explaining its different parts and functions. Can cows see color? Do our eyes change over time? Learn about the eye-brain system by comparing the difference between human and cow eyes.	5-12
9/23/2021	12:10 PM	Northwest Trek Wildlife Park	Amazing Mammals	Explore what makes an animal a mammal and what all mammals, including humans, have in common! Learn about a variety of mammals that make their homes in the Pacific Northwest and at Northwest Trek. Join a naturalist for this interactive lesson that features a variety of mammal videos! The program includes a naturalist introduction and brief overview of Northwest Trek, recorded observations of three different mammals and a discussion of what makes an animal a mammal, and how they are different from other types of animals.	3-6
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9/23/2021	11:10 AM	The Toy Museum of NY	Teddy Bear Time	Bring your favorite stuffed animal to a tea party. Bring snacks and tea as Queen Marlene shares stories about some of her favorite toys. She will look to engage the audience, so be sure to have students bring in their toys for sharing.	PK, K-1
9/23/2021	1:10 PM	The Toy Museum of NY	Teddy Bear Time	Bring your favorite stuffed animal to a tea party. Bring snacks and tea as Queen Marlene shares stories about some of her favorite toys. She will look to engage the audience, so be sure to have students bring in their favorite toys for sharing.	PK, K-1
9/24/2021	2:10 PM	Alaska SeaLife Center	Living in the Ring of Fire	Verify plate tectonic theories by investigating geologic activities around the Pacific plate, specifically here in Alaska.	5-8

9/24/2021	12:10 PM	Atlanta History Center	Cyclorama and the Case of America's Changing History	Cyclorama and the Case of America's Changing History is the Atlanta History Center's latest tour that explores the history of the Civil War from the perspective of one of Georgia's most fascinating artifacts, The Battle of Atlanta: Cyclorama. The essential question that students will answer through this is – "How do the stories we tell shape our vision of the past?" To answer this, students will become time-traveling historical detectives where they will investigate the confusing and complex history that has shaped the Battle of Atlanta: Cyclorama. In the end, our new detectives will learn how the stories we tell from the past are powerful forces that can change how we remember our history and our present. We are also excited to announce that Cyclorama and the Case of America's Changing History is a pre-recorded engaging filmed production that features several interactive activities for students to participate in and put their detective skills to work. Immediately following the 20-minute film, students will interact with the tour facilitator in a LIVE talkback session.	4-7
9/24/2021	11:10 AM	Kenn Nesbitt's Poetry 4 Kids	Legends of Poetry: Shel Silverstein	Poet Shel Silverstein is one of the most popular children's poets ever. Celebrate his birthday this year by finding out more about who he was and how he became such a beloved author.	2-6
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9/27/2021	11:10 AM	Author Natalie Rompella	The World of Insects	Author Natalie Rompella will read from her nonfiction insect book The World Never Sleeps and talk about her writing journey. She will share facts as well as up-close photographs to get students comfortable with and inquisitive about insects and spiders.	K-3
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9/28/2021	12:10 PM	CodeJoy	CodeJoy Presents Robot Shakespeare with micro:bit	Matt the Robot is directing a Shakespearean play - Romeo & Juliet. He's not doing a great job, though... The actors need our help to feel something other than "sad." CodeJoy participants will engage with the text of Romeo & Juliet and use the micro:bit LEDs to create emotions. A computer or Chromebook is required for you to interact with our in-studio robots.	4-8
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9/28/2021	11:10 AM	North Carolina Museum of Natural Sciences	The Science of Foam	Bubbles and foam are part of our every day lives. We drink bubbles in soda, whip eggs into a froth for dessert, and use foam for insulation. Did you know that animals create bubbles and foam as well? Join us to explore how different animals create their own foam to adapt and survive in habitats around the world!	5-12
9/28/2021	1:10 PM	North Carolina Museum of Natural Sciences	The Science of Foam	Bubbles and foam are part of our every day lives. We drink bubbles in soda, whip eggs into a froth for dessert, and use foam for insulation. Did you know that animals create bubbles and foam as well? Join us to explore how different animals create their own foam to adapt and survive in habitats around the world!	5-12
9/29/2021	12:10 PM	Royal BC Museum	Orca's World	Explore our new feature exhibition Orcas: Our Shared Future with orca enthusiast and author Mark Leiren-Young! Mark will guide us through this introduction to the majestic and diverse world of orca whales. - Meet some of the whales of J-Pod (a group of southern resident orcas) - Learn about family structures and behaviour - Discover how orcas around the world adapt to their oceans and use different techniques such as echolocation to catch their prey - Investigate some of the risks that impact orcas, like overfishing and pollution. - Find out more about what you can do to protect orcas and our oceans Mark Leiren-Young is the author of multiple books about orcas, including Orcas Everywhere and also wrote the text for the exhibit Orcas: Our Shared Future featured in this program. He directed and wrote The Hundred-Year-Old Whale, a documentary about the matriarch of the southern resident orcas that won the 2018 Writers Guild of Canada Award for Documentary. He also hosts the popular environmental podcast Skaana.	4-6
9/29/2021	11:10 AM	South Carolina Aquarium	Saltmarsh Habitat Exploration	Join us in an exploration of our Saltmarsh Habitat at the South Carolina Aquarium! We will meet some of our marsh animal inhabitants, like terrapins and pelicans, and learn how they are adapted to living in a constantly changing environment. Discover why this habitat is so important and find out how the South Carolina Aquarium is helping the SC Department of Natural Resources restore saltmarshes in the wild.	2-5
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9/30/2021	11:10 AM	Greenville Zoo	The Buddy System	The Buddy System explores the unique world of animal friends! During this program, we will introduce unusual animal pairs, define symbiotic relationships, and even meet some friendly animal ambassadors.	2-5
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9/30/2021	12:10 PM	Ocean Wise	Poop, Plankton, and Plastics	What is brown, stinky, gross, and heavily nutritious?... Poop! How can it be good for the ocean? Dive into the world of tiny, yet mighty creatures and that icky stuff with an Ocean Wise educator! Explore ways that we can have a positive impact on the ocean along the way!	K-4
10/1/2021	11:10 AM	Author Brianna DuMont	Humorous History: Who Wrote That?	Using fun and interactive examples from pop culture, students are introduced to the dual concepts of primary sources and bias. Next, students hear two differing primary sources, a positive and a negative, from John Adams on a mysterious historical figure (George Washington). They are asked to analyze the source and decide if he appears to like or dislike his subject. After a big reveal, we discuss the factors that can affect bias and link them back to reading with awareness in our everyday lives.	4-6
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10/1/2021	12:10 PM	Museum of Health Care at Kingston	Infectious Diseases	What is a disease? What is a Virus? What's the difference? From cholera to small pox to COVID-19, discover the history of outbreaks and learn about the dangerous diseases that have plagued humanity for the centuries. Lastly, how did we combat them and find the cure! We will examine museum artifacts like public safety posters, protective equipment, warning objects, uniforms, and even a vaccine vial.	6-10
10/1/2021	10:10 AM	Smithsonian National Portrait Gallery	Portrait Detectives	Become a portrait detective! Young students will search for and analyze clues in portraits to learn about some of the most historically significant Americans. Participants will look closely at a wide range of portraits while comparing and contrasting works across the collection at the National Portrait Gallery.	PK, K-3
10/1/2021	2:10 PM	Smithsonian National Portrait Gallery	Portrait Detectives	Become a portrait detective! Young students will search for and analyze clues in portraits to learn about some of the most historically significant Americans. Participants will look closely at a wide range of portraits while comparing and contrasting works across the collection at the National Portrait Gallery.	PK, K-3
10/4/2021	11:10 AM	Roper Mountain Science Center	Jr. Astronaut	Students will join Roper Mountain Space Agency's Junior Astronaut Team where they will learn more about our Sun, the star of our solar system, and how technology enhances our knowledge about the Earth and the Milky Way galaxy.	1-4
10/4/2021	1:10 PM	Roper Mountain Science Center	Jr. Astronaut	Students will join Roper Mountain Space Agency's Junior Astronaut Team where they will learn more about our Sun, the star of our solar system, and how technology enhances our knowledge about the Earth and the Milky Way Galaxy.	1-4
10/4/2021	12:10 PM	The Sheffield Museum of Rural Life	Meet the Medieval Peasant	Invite a medieval peasant into your classroom to teach your students about how 90% of the medieval population lived. The peasant will discuss all facets of medieval life, such as the manor system, agriculture, religion, daily life and more. The peasant will also have farm tools, coins and introduce some medieval music during the program.	3-6
10/4/2021	2:10 PM	Virginia Museum of Contemporary Art	Amplify	Virginia MOCA curators took inspiration for this exhibition from a strategy first developed by women staffers of the Obama administration when their contributions were overlooked at meetings. When one woman spoke up or offered an idea, another would both recognize and repeat it. Virginia MOCA elevates the voices of contemporary women artists through exhibiting a variety of media and approaches on what it is to be a woman. Our tours use a selection of works from our current exhibitions to foster close observation, critical-thinking, and rich discussions that support learning standards through an inquiry-based approach.	K-5
10/5/2021	11:10 AM	Living Maths	Math in the Real World: Space	Live from South Africa, join Mr. S as we explore Math in the Real World. Getting to space, living in space, and returning back home. Who would have thought that math plays such an important role.	4-6
10/5/2021	12:10 PM	Planet Bee	Bee-Ometry	Have you ever wondered why the cells in a hive are shaped like hexagons? This dynamic STEM lesson focuses on the honey bee as it explores math and engineering concepts to teach students why hexagons are the most efficient shape for a cell. We review honey bee biology, jobs in the hive, pollination, and why bees are so important.	K-2
10/5/2021	2:10 PM	Planet Bee	Bee-Ometry	Have you ever wondered why the cells in a hive are shaped like hexagons? This dynamic STEM lesson focuses on the honey bee as it explores math and engineering concepts to teach students why hexagons are the most efficient shape for a cell. We review honey bee biology, jobs in the hive, pollination, and why bees are so important.	3-5
10/6/2021	2:10 PM	Author Kelly Milner and the Wonders of Weird	Apollo 11: One Small Step for Man	After a marathon space race with the Soviet Union, the United States of America took the lead on July 16, 1969 when we launched Apollo 11—mankind's first attempt at a lunar landing. As astronaut pilot Michael Collins controlled the Command Module in orbit above the moon, Neil Armstrong and Buzz Aldrin descended to the surface. As 650 million people watched on television, worldwide, Armstrong and Aldrin took, "...one small step for man, one giant leap for mankind," on July 20, 1969. This presentation will explore how NASA made history with the first men on the moon and returned home safely.	3-6
10/6/2021	11:10 AM	Museum of Fine Arts Boston	Art of Ancient Americas: The Maya	Explore artworks from one of the great civilizations of the Ancient Americas - the Maya. Students will look closely at Maya artworks to learn cultural characteristics of the civilization, from their gods and kings to their system of hieroglyphic writing.	3-8
10/6/2021	1:10 PM	Museum of Fine Arts Boston	Art of Ancient Americas: The Maya	Explore artworks from one of the great civilizations of the Ancient Americas - the Maya. Students will look closely at Maya artworks to learn cultural characteristics of the civilization, from their gods and kings to their system of hieroglyphic writing.	3-8
10/6/2021	12:10 PM	The Charleston Museum	Revolutionary Charleston	Understand the role of Charleston and South Carolina during the American Revolution. Hear tales of the Battle of Fort Sullivan, the Siege of Charleston, and the legendary Swamp Fox. You will also learn about the reality of the war for many soldiers and civilians by touring the Charleston Museum with an up close look at artifacts.	3-8
10/7/2021	11:00 AM	Chicago Architecture Biennial	Architecture and Design as Tools for Change	This virtual field trip will help students think about architecture and design as tools that can be used to create positive change in neighborhoods, suburbs, towns, & cities. Students will be asked to think about the communities where they live or attend school and consider what they like about those places and what they might change. Then, we'll visit places in Chicago where community members—including young people just like them—came together to transform vacant lots into spaces for playing, eating, gardening, and celebrating. We'll also look at some examples from around the world of how architects and designers have helped transform cities in exciting ways. A set of activities will be available for participating classrooms to continue to explore these themes after the program	2-5
10/7/2021	2:00 PM	Chicago Architecture Biennial	Architecture and Design as Tools for Change	This virtual field trip will help students think about architecture and design as tools that can be used to create positive change in neighborhoods, suburbs, towns, & cities. Students will be asked to think about the communities where they live or attend school and consider what they like about those places and what they might change. Then, we'll visit places in Chicago where community members—including young people just like them—came together to transform vacant lots into spaces for playing, eating, gardening, and celebrating. We'll also look at some examples from around the world of how architects and designers have helped transform cities in exciting ways. A set of activities will be available for participating classrooms to continue to explore these themes after the program	6-12
10/7/2021	2:10 PM	Literacy Chef	Fun with Phonics	This interactive phonics program uses the Whole-Part-Whole approach to teaching phonics. With rhyming poems and fun cloze stories, students learn how to read, speak, write, and use words containing a specific word family. After repeated readings and use of context clues, students finish each lesson with a foldable book that they have become the authors and illustrators of. The controlled vocabulary in these mini-books are perfect for building fluency through repeated readings and creating a box of "I Can Read" books. Today's program will focus on the CVC word pattern, specifically using the /in/ word family.	K-2

10/7/2021	11:10 AM	North Carolina 4-H Camps	Coastal Ecology	The Eastern 4-H Center is located on beautiful Bulls Bay in north eastern North Carolina. As part of the Albemarle Sound, The Eastern Center is situated in a marine estuary where the freshwater of North Carolina's rivers meets the salt water of the Atlantic Ocean. This creates a dynamic and diverse environment for life. In this session, students will explore the vibrant ecology of the Albemarle Sound, learning about the plants and animals that make this unique ecosystem their home.	3-7
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10/7/2021	12:10 PM	Royal Botanical Gardens	Plant Parts and Pumpkins	The fall is the time when so many different types of squash, including pumpkins, are being displayed, carved, and eaten! Join Karin to discover some of the stranger varieties. Together, we will draw a pumpkin as we explore how the different plant parts work together to help a pumpkin survive and grow.	1-4
10/8/2021	11:10 AM	Chattanooga Zoo	Awesome Africa Tour	Join our educator to meet some awesome animals native to Africa! We will feed giraffes, observe chimpanzees forage for food, and meet a mystery animal ambassador. Be glad that you are watching virtually, because the giraffes like to lick the camera!	K-3
10/8/2021	12:10 PM	Museum of Health Care at Kingston	From Madness to Mental Health	Historically, people who suffered from mental illness were defined as "mad." Today, we have a much better understanding of mental health. Join us to examine the history of mental illness, its treatments, and ways that you can help today. Everyone can learn something from understanding a bit more of the past!	6-9
10/8/2021	2:10 PM	The Mammoth Site of Hot Springs, SD	Geologic Time	A tricky Earth science concept for many students to understand is the concept of deep time. With most of Earth's processes happening over the course of millions of years, the majority of the life has occurred in just the last 11% of that timeline. In this program, we will examine the divisions of Earth's history. Students will see how fossils can impact rock units and how we correlate rocks in different parts of the world. Students will then follow along with the instructor to create their own scale timelines of geologic units. Materials: Pre-measured length of receipt paper or some non-adhesive tape and pencils.	4-6
10/8/2021	1:10 PM	Chattanooga Zoo	Awesome Africa Tour	Join our educator to meet some awesome animals native to Africa! We will feed giraffes, observe chimpanzees forage for food, and meet a mystery animal ambassador. Be glad that you are watching virtually, because the giraffes like to lick the camera!	4-6
10/12/2021	11:10 AM	Montana Natural History Center	Millipede vs. Centipede	While at first glance millipedes and centipedes might seem like essentially the same animal, we can assure you they are actually quite different! During this program, students will become pros at recognizing the difference between these two amazing animals. You'll even get to meet our most famous millipede, Milton, and we'll end the program by feeding our largest centipede.	3-5
10/12/2021	1:10 PM	Montana Natural History Center	Millipede vs. Centipede	While at first glance millipedes and centipedes might seem like essentially the same animal, we can assure you they are actually quite different! During this program, students will become pros at recognizing the difference between these two amazing animals. You'll even get to meet our most famous millipede, Milton, and we'll end the program by feeding our largest centipede.	3-5
10/12/2021	12:10 PM	Seacoast Science Center	Marine Mammal Rescue Team	Meet a Marine Mammal Rescue expert to learn all about the species and their unique adaptations and characteristics that help them survive here in the Gulf of Maine. An MMR team member will take students on a mock rescue and release to learn about the biology, conservation and rehabilitation of whales and seals. At the end of the program, students will investigate ways that we can help keep our ocean and marine wildlife healthy.	K-4
10/12/2021	2:10 PM	Seacoast Science Center	Marine Mammal Rescue Team	Meet a Marine Mammal Rescue expert to learn all about the species and their unique adaptations and characteristics that help them survive here in the Gulf of Maine. An MMR team member will take students on a mock rescue and release to learn about the biology, conservation and rehabilitation of whales and seals. At the end of the program, students will investigate ways that we can help keep our ocean and marine wildlife healthy.	K-4
10/13/2021	12:10 PM	Author Debi Novotny	Phonics (Sprinkled with Magic): Short Vowel Sounds	My Magic Hat Rules! is a phonological awareness lesson based book written to help students learn how to take words apart and sound out words, especially those in word families. (cat, hat, sat, rat, bat, etc...) Each new word is pulled from the Magic Hat, while experienced teacher and author, Debi Novotny, encourages participation by modeling how to sound out, read, and write each new word! This story also offers a predictable rhyming pattern that boosts the confidence of even the most reluctant reader. Come along and enjoy the magic of reading with Debi, Magic Hat, Magic Wand, and Puppet Rhyming Rabbit!	PK, K-2
10/13/2021	2:10 PM	NASCAR Hall of Fame	Object in Motion	"An object in motion, stays in motion"—Newton's first law of motion is no better represented than during a race. Students will explore forces (gravity, electrical and laws of motion) and its impact on racing. Students will build a race car to test their engineering and application of motion. Application and engineering requirements vary by grade level to meet standards.	3-5
10/13/2021	11:10 AM	Reginald F. Lewis Museum	Benjamin Banneker: The Mind Is A Weapon	Benjamin Banneker, the black father of science in colonial America, used his STEAM contributions to fight the abolishment of slavery. Banneker, a free black and self taught, would later become an inventor, surveyor, astronomer and author of several almanacs showing his astronomical calculations. See Banneker come to life by Griot storyteller Bob Smith as he explains why he sent an almanac and letter to Thomas Jefferson to discuss why slavery was wrong in America.	4-8
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10/14/2021	11:10 AM	Fizzics Education	Liquid Nitrogen	Live from Australia, find out how solids, liquids, and gases change when rapidly heated and cooled. We'll explore Newton's Third Law of Motion, Charles's Law, and just what the Leidenfrost effect is anyway. This program covers phase changes, expansion and contraction, basic cell theory, air pressure, and the weather.	2-5
10/14/2021	1:10 PM	Fizzics Education	Liquid Nitrogen	Live from Australia, find out how solids, liquids, and gases change when rapidly heated and cooled. We'll explore Newton's Third Law of Motion, Charles's Law, and just what the Leidenfrost effect is anyway. This program covers phase changes, expansion and contraction, basic cell theory, air pressure, and the weather.	2-5

10/14/2021	12:10 PM	Ocean Wise	Over-whale-ming Noises in the Ocean	Take a plunge into the deep waters of the Pacific Ocean, where we will keep our eyes and ears peeled for some of the largest and most majestic mammals on Earth. Explore the West Coast from a whale's eye-view in this multi-sensory experience. Focusing on the positive and not-so positive impacts that humans may have on this unique habitat.	4-7
10/14/2021	2:10 PM	Science Museum of Virginia	Heart Dissection	How does your heart work? Watch an educator dissect a sheep heart while explaining its different parts and functions. Learn about the cardiovascular system by comparing a sheep heart to a human one.	5-12
10/15/2021	11:10 AM	Living Maths	Puzzles, Problems, and Games: Shapes	Live from South Africa, join Mr. S, your mathematics guide, on a wonderful journey of exploration and discovery using math as the vehicle. Problem solving, critical thinking, and creative thinking skills will be explored through a digital, interactive whiteboard. Put your thinking cap on and get ready for some fun. Today's focus is on the math of shapes.	1-3
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10/15/2021	12:10 PM	Virginia Zoo	The Essentials of Animal Nutrition	The Virginia Zoo is home to over 700 different animals. With that many mouths to feed, it is important that we plan and prepare for the numerous meals that are eaten by our furry, feathery, and scaly friends each day. Throughout the program we will explore what animals eat and get a closer look at how food can improve how we work with and care for our animals. You will even have the opportunity to chat with our staff about what it's like to create delicious enrichment for our animals and how food can help make medical check-ups easier.	3-5
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10/18/2021	2:10 PM	Art Institute of Chicago	Art Across Cultures	Explore objects from across the museum's vast collection, highlighting how artists transmit and respond to their own culture through their work. Students will engage with artworks that reflect various world views and perspectives and consider their own sense of self and place in the world.	4-7
10/18/2021	11:10 AM	Atlanta History Center	Colonial America and the Creation of the United States	What was the life of a colonist like? What were the causes of the American Revolution? Become a colonist and learn about the American Revolution from the perspective of a patriot using reproduction artifacts like musket balls and a tea brick.	2-4
10/18/2021	1:10 PM	Atlanta History Center	Colonial America and the Creation of the United States	What was the life of a colonist like? What were the causes of the American Revolution? Become a colonist and learn about the American Revolution from the perspective of a patriot using reproduction artifacts like musket balls and a tea brick.	2-4
10/18/2021	12:10 PM	Museum of Health Care at Kingston	Snot and What Not!	Achoo! Discover Germ Theory and how you get sick from seemingly out of nowhere. It might SNOT be quite what you were thinking! Students will learn the important role of mucus in our bodies as well as public health guidelines on how to protect yourself from getting sick. We all might get sick, but why not make it a little bit less likely!	1-5
10/19/2021	12:10 PM	Chicago Architecture Biennial	The Available City with Chicago Architecture Biennial and the Chicago Cultural Center	Chicago Architecture Biennial and The Chicago Cultural Center team up to explore the "People's Palace." Reflect on the "Available City" and the vital role played by regular people to create, save from demolition and enliven the People's Palace to this day. A set of activities will be available for participating classrooms to continue to explore these themes after the program.	6-12
10/19/2021	2:10 PM	Chicago Architecture Biennial	Architecture and Design as Tools for Change	This virtual field trip will help students think about architecture and design as tools that can be used to create positive change in neighborhoods, suburbs, towns, & cities. Students will be asked to think about the communities where they live or attend school and consider what they like about those places and what they might change. Then, we'll visit places in Chicago where community members—including young people just like them—came together to transform vacant lots into spaces for playing, eating, gardening, and celebrating. We'll also look at some examples from around the world of how architects and designers have helped transform cities in exciting ways. A set of activities will be available for participating classrooms to continue to explore these themes after the program	2-5
10/19/2021	11:10 AM	Delaware Historical Society	Choosing Independence and Fighting for Freedom	Delaware played an important role in the political and military events that helped shape the outcome of the American Revolution. Discover important Delaware political figures and soldiers, and explore the first state's role in choosing independence and fighting for freedom.	4-8
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10/20/2021	1:10 PM	Alaska SeaLife Center	Sea Lion Monitoring	Discover Steller sea lion remote monitoring at the Alaska SeaLife Center, and learn how & why our scientists are studying these endangered marine mammals.	6-12
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10/20/2021	11:10 AM	Art Institute of Chicago	Arte a través de culturas (en español)	Explore objetos de la vasta colección del museo, destacando cómo los artistas transmiten y responden a su propia cultura a través de su arte. Los estudiantes se involucrarán con obras de arte que reflejan diversas visiones y perspectivas del mundo y considerarán su propio sentido de sí mismos y su lugar en el mundo.	4-12
10/20/2021	12:10 PM	North Carolina Museum of Natural Sciences	Dinosaurs Roar!	Head back to the Cretaceous and embark on a discovery of Tyrannosaurus Rex, Triceratops, and the world around them.	PK, K-2
10/20/2021	4:30 PM	Streamable PD Session			
10/21/2021	11:10 AM	MarineLab	Adaptation Station: Mangrove Invertebrates	Instructors will anchor in Florida Bay to show off our beautiful mangroves. Students will better understand adaptation by observing live organisms that inhabit the mangrove habitat, identifying structures and behaviors of these organisms, and explaining possible benefits of these observations in terms of survival. Plenty of time will be provided for Q + A with mangrove "critters" such as sea stars, flatworms and sea slugs.	3-8
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10/21/2021	12:10 PM	Royal BC Museum	Creepy Crawlies	As we get ready for Halloween, let's explore animals that are sometimes scary, but always interesting—arthropods! All arthropods have exoskeletons, jointed appendages, and segmented bodies. Some arthropods have wings and antennae. The quantity and types of these body parts, and how they are arranged, tell you if an animal is an insect, spider, millipede, or centipede. Join Royal BC Museum curator of entomology, Dr. Joel Gibson and learning program developer Chris O'Connor, as they lead you through this session. - Investigate arthropod bodies - Get creative by building a critter and finding out what it is - Participants will need paper and something to draw with	K-2
10/21/2021	2:10 PM	The Royal Tyrrell Museum of Palaeontology	Fossil Planet: Reptiles	Fossil Planet is a special program offered by the Royal Tyrrell Distance Learning studio that takes our audience around the world to explore the history of life on earth. Reptiles are an often overlooked group of animals that may seem primitive and slow, but the fossil record shows us that giant reptiles ruled as apex species alongside the dinosaurs! Come meet these forgotten titans and learn how scientists can hypothesize their behavior by comparing them to their modern relatives.	4-9
10/22/2021	12:10 PM	Astronomer Dr. Valerie Rapson	Exploring the Infrared Universe	The James Webb Space telescope, launching this year, will study our universe in infrared light. This massive space telescope will teach us more about stellar birth and death, search for planets around other stars, and examine galaxies from the beginning of time. In this lesson, we will learn about infrared light, how the James Webb telescope works, and discuss the many anticipated discoveries of this next great observatory.	6-12
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10/22/2021	11:10 AM	Memphis Zoo	Animals Have Class	For our first program we want to bring you a foundational program on animal classification. Organization isn't always fun, but it does make it easier to find things when we need them! Learn how scientists organize animal species. Then, you can test out your animal classification skills with a couple of Memphis Zoo animal friends during this live, virtual program! And then use these skills all year long.	1-3
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10/25/2021	2:10 PM	Atlanta History Center	Cyclorama and the Case of America's Changing History	Cyclorama and the Case of America's Changing History is the Atlanta History Center's latest tour that explores the history of the Civil War from the perspective of one of Georgia's most fascinating artifacts, The Battle of Atlanta: Cyclorama. The essential question that students will answer through this is – "How do the stories we tell shape our vision of the past?" To answer this, students will become time-traveling historical detectives where they will investigate the confusing and complex history that has shaped the Battle of Atlanta: Cyclorama. In the end, our new detectives will learn how the stories we tell from the past are powerful forces that can change how we remember our history and our present. We are also excited to announce that Cyclorama and the Case of America's Changing History is a pre-recorded engaging filmed production that features several interactive activities for students to participate in and put their detective skills to work. Immediately following the 20-minute film, students will interact with the tour facilitator in a LIVE talkback session.	4-7
10/25/2021	11:10 AM	Author Jonathan Miller	Writers' Workshop: Creating Your Own Book	Jonathan Miller, author and illustrator of children's book series The Adventures of Sammy the Wonder Dachshund, guides students through the process of writing and illustrating a story. His fun and informative presentation shows real-life implementation of forming an idea, brainstorming, writing a rough draft, revising and editing, and publishing a book. Incorporating a wide range of topics for students to take back to their writing, classrooms, and lives, Mr. Miller also discusses how books are made, what it is like to be an author as a career, and the business aspects of book publishing. His goal is for students to see the importance of becoming the best writers they can be! Get ready to laugh as Mr. Miller also reads one of his books and answers questions from students and teachers.	2-5
10/25/2021	1:10 PM	Author Jonathan Miller	Writers' Workshop: Creating Your Own Book	Jonathan Miller, author and illustrator of children's book series The Adventures of Sammy the Wonder Dachshund, guides students through the process of writing and illustrating a story. His fun and informative presentation shows real-life implementation of forming an idea, brainstorming, writing a rough draft, revising and editing, and publishing a book. Incorporating a wide range of topics for students to take back to their writing, classrooms, and lives, Mr. Miller also discusses how books are made, what it is like to be an author as a career, and the business aspects of book publishing. His goal is for students to see the importance of becoming the best writers they can be! Get ready to laugh as Mr. Miller also reads one of his books and answers questions from students and teachers.	2-5
10/25/2021	12:10 PM	The Gibbes Museum of Art	The American Revolution: Patriots and Loyalists	Join Director of Education and Programs at the Gibbes Museum of Art for a story of patriots and loyalists as told through works in the permanent collection. While some colonists fought for a free country, others remained loyal to the crown, sometimes breaking families apart.	3-5
10/26/2021	12:10 PM	CodeJoy	CodeJoy Presents Robot Haunted House with micro:bit	Elby is nervous about riding through a Haunted House. Perhaps he'd feel a bit more at ease if we took a closer look at the mechanisms that control the scare features. Together, we'll reprogram the ghosts and goblins, then take a ride through the Haunted House as a class. CodeJoy participants will learn the basics of coding using conditional statements and explore simple mechanisms. A computer or Chromebook is required for you to interact with our in-studio robots.	4-8
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10/26/2021	11:10 AM	Dr Pepper Museum and Free Enterprise Institute	Liquid Laboratory: Fantastic Flavors	Explore the science of soda pop from our Liquid Laboratory. Today's session will explore the diverse world of soda flavors.	1-4
10/26/2021	1:10 PM	Dr Pepper Museum and Free Enterprise Institute	Liquid Laboratory: Fantastic Flavors	Explore the science of soda pop from our Liquid Laboratory. Today's session will explore the diverse world of soda flavors.	1-4

10/27/2021	11:10 AM	Greenville Zoo	The Night Life	The Night Life investigates the habits and adaptations of nocturnal animals. During this program, we will identify nocturnal animals, discuss nocturnal animal adaptations, and even have up-close encounters with some of our nocturnal animal education ambassadors.	2-5
10/27/2021	1:10 PM	Greenville Zoo	The Night Life	The Night Life investigates the habits and adaptations of nocturnal animals. During this program, we will identify nocturnal animals, discuss nocturnal animal adaptations, and even have up-close encounters with some of our nocturnal animal education ambassadors.	2-5
10/27/2021	12:10 PM	Museum of the Rockies	Your Spooky, Scary Skeleton	We all have skeletons in our bodies, but have you ever wondered why we have a skeleton? Learn about the evolution of the skeleton, what your bones do for your body, and how your skeleton is not so different from a dinosaur's as you might think! Join MOR Paleontology Field Professional Lee Hall for a journey through time, evolution, and biology and learn all the wonderful secrets of your skeleton!	3-8
10/27/2021	2:10 PM	Museum of the Rockies	Your Spooky, Scary Skeleton	We all have skeletons in our bodies, but have you ever wondered why we have a skeleton? Learn about the evolution of the skeleton, what your bones do for your body, and how your skeleton is not so different from a dinosaur's as you might think! Join MOR Paleontology Field Professional Lee Hall for a journey through time, evolution, and biology and learn all the wonderful secrets of your skeleton!	3-8
10/28/2021	11:10 AM	Kelly Milner Halls	Mythical Mysteries	Mythical Mysteries – Nonfiction children's writer Kelly Milner Halls explores the real life history of six mythical creatures. If you love dragons, unicorns, mermaids, griffins, centaurs and pegasus, you'll love this presentation. Just because they are not real animals, doesn't mean we can't love learning about them.	1-3
10/28/2021	1:10 PM	Kelly Milner Halls	Mythical Mysteries	Mythical Mysteries – Nonfiction children's writer Kelly Milner Halls explores the real life history of six mythical creatures. If you love dragons, unicorns, mermaids, griffins, centaurs and pegasus, you'll love this presentation. Just because they are not real animals, doesn't mean we can't love learning about them.	1-3
10/28/2021	12:10 PM	North Carolina Zoo	Bats: Masters of the Night	Help us bust some misconceptions about vampire bats while getting up close with these strangely kind blood suckers and find out why bats are great pest control, excellent parents, and important pollinators.	2-5
10/28/2021	2:10 PM	North Carolina Zoo	Bats: Masters of the Night	Help us bust some misconceptions about vampire bats while getting up close with these strangely kind blood suckers and find out why bats are great pest control, excellent parents, and important pollinators.	2-5
10/29/2021	11:10 AM	Author Kelly Milner and The Wonders of Weird	Cryptozoology	Cryptozoology is the study of mysterious animals that may or may not be real. Creatures like Bigfoot, the Loch Ness Monster, Mothman, and Chupacabra are the stuff of legends around the world. But is there evidence beyond the stories? Could some of these creatures be real? After more than 15 years of research, author Kelly Milner Halls has some of the answers. Join her on this adventure in critical thinking.	3-6
10/29/2021	1:10 PM	Author Kelly Milner and The Wonders of Weird	Five Halloween Symbols: The Stories Behind the Stories	Let's turn scary into fun with Kelly Milner as she gives us a quick history of why witches, ghosts, skeletons, bats, black cats, and pumpkins are all associated with Halloween.	K-2
10/29/2021	2:10 PM	California Academy of Sciences	Spooktacular Skulls	Students come face-to-face with a diversity of spooktacular skulls! Watch a live colony of flesh-eating beetles in action as they devour and clean flesh from bones. Examine eye sockets, teeth, and other features to find out if the mystery skulls were predator or prey.	3-5
10/29/2021	12:10 PM	The Center for Birds of Prey	Owl-oween: The World of Owls	Join the Center for Birds of Prey Staff for an up-close look at the world of owls. Explore their unique adaptations for silent flight and nocturnal hunting. Experience a variety of owls in free flight.	3-8
11/1/2021	12:10 PM	Author Natalie Rompella	Writers' Workshop: 5 Secrets to Writing	Natalie Rompella, author of such books as Secrets to Storytelling, Cookie Cutters & Sled Runners, and Edgar, Allan, and Poe and the Tell-Tale Beets will reveal five secrets to writing a good story. She will share tricks she's used for writing her own novels and short stories as well as exercises for students to use to make their stories stronger.	3-6
11/1/2021	2:10 PM	Author Natalie Rompella	Writers' Workshop: 5 Secrets to Writing	Natalie Rompella, author of such books as Secrets to Storytelling, Cookie Cutters & Sled Runners, and Edgar, Allan, and Poe and the Tell-Tale Beets will reveal five secrets to writing a good story. She will share tricks she's used for writing her own novels and short stories as well as exercises for students to use to make their stories stronger.	3-6
11/1/2021	11:10 AM	Eric Carle Museum of Picture Book Art	Eric Carle Makes a Book	Celebrate the art and stories of Eric Carle with The Eric Carle Museum of Picture Book Art! Hear from a Carle educator about the museum. Then, we will take you behind the scenes to discover how Eric Carle transforms ideas, words, and pictures to create the books we love!	PK, K-2
11/1/2021	1:10 PM	Eric Carle Museum of Picture Book Art	Eric Carle Makes a Book	Celebrate the art and stories of Eric Carle with The Eric Carle Museum of Picture Book Art! Hear from a Carle educator about the museum. Then, we will take you behind the scenes to discover how Eric Carle transforms ideas, words, and pictures to create the books we love!	PK, K-2
11/2/2021	11:30 AM	CCSD Demo for Librarians			
11/2/2021	11:10 AM	Mexic-Arte Museum	Day of the Dead	Día de Muertos (The Day of the Dead) is a Mexican tradition that celebrates the lives of the deceased. Celebrations like this date back almost 3000 years and in pre-Columbian times the Aztecs used to perform a similar ritual dedicated to the goddess known as the Lady of the Dead. By the twentieth century the celebration evolved to celebrating the lives of deceased infants and children on November 1st and adults on the 2nd. This tradition includes the building of altars, making food, parades, and more. We are very excited to share with you this rich cultural tradition celebrating the Day of the Dead!	4-9
11/2/2021	1:10 PM	Mexic-Arte Museum	Day of the Dead (en español)	El Día de Muertos es una tradición mexicana que celebra la vida de los fallecidos. Celebraciones como esta se remontan a casi 3000 años y en la época precolombina los aztecas solían realizar un ritual similar dedicado a la diosa conocida como la Dama de los Muertos. En el siglo XX, la celebración se convirtió en la celebración de las vidas de los bebés y niños fallecidos el 1 de noviembre y los adultos el 2 de noviembre. Esta tradición incluye la construcción de altares, hacer comida, desfiles y más. ¡Estamos muy emocionados de compartir con ustedes esta rica tradición cultural que celebra el Día de Muertos!	4-9
11/2/2021	12:10 PM	Royal Botanical Gardens	Plant Adaptations of Mediterranean Biomes	How do plants deal with dry or hot conditions? They have evolved adaptations to these conditions in the Mediterranean Biomes found in 5 areas of the world including the Californian Chaparral. Join Karin to explore these adaptations with plants that you can find in your grocery store or local plant store!	4-8
11/2/2021	2:10 PM	The Museum at Liberty Hall	Legends of Liberty Hall	The Museum at Liberty Hall is home to some of the most mysterious and intriguing revolutionary-era legends of New Jersey! Tour Liberty Hall, listen to these revolutionary stories, and test your sleuthing skills to determine the truth behind each legend! Guided by museum educators in period dress, this will be a storytelling adventure you won't want to miss!	3-5

11/2/2021	2:00 PM	Chicago Architecture Biennial	Architecture and Design as Tools for Change	This virtual field trip will help students think about architecture and design as tools that can be used to create positive change in neighborhoods, suburbs, towns, & cities. Students will be asked to think about the communities where they live or attend school and consider what they like about those places and what they might change. Then, we'll visit places in Chicago where community members—including young people just like them—came together to transform vacant lots into spaces for playing, eating, gardening, and celebrating. We'll also look at some examples from around the world of how architects and designers have helped transform cities in exciting ways. A set of activities will be available for participating classrooms to continue to explore these themes after the program	6-12
11/3/2021	11:10 AM	Museum of Fine Arts Boston	Fabric of a Nation: American Quilt Stories	Explore several remarkable examples from this exhibition that features a range of artistic hands from the 17th century to today including many known and some unidentified quilters; urban and rural makers; immigrants; and Black, Latinx, Indigenous, Asian, and LGBTQ+ Americans. The exhibition celebrates the artistry and intricacy of quilts and the lives they document, while also considering the complicated legacies ingrained in the fabric of American life.	6-12
11/3/2021	1:10 PM	Museum of Fine Arts Boston	Fabric of a Nation: American Quilt Stories	Explore several remarkable examples from this exhibition that features a range of artistic hands from the 17th century to today including many known and some unidentified quilters; urban and rural makers; immigrants; and Black, Latinx, Indigenous, Asian, and LGBTQ+ Americans. The exhibition celebrates the artistry and intricacy of quilts and the lives they document, while also considering the complicated legacies ingrained in the fabric of American life.	6-12
11/3/2021	12:10 PM	North Carolina Zoo	Protecting Our Wild Neighbors: African Elephants	As we peer into the NC Zoo's Watani Grasslands at our African Elephants, students will learn how and why the zoo is working with the people of Africa to save elephants. How does collaring the oldest female elephant help protect the herd?	6-8
11/3/2021	2:10 PM	North Carolina Zoo	Protecting Our Wild Neighbors: African Elephants	As we peer into the NC Zoo's Watani Grasslands at our African Elephants, students will learn how and why the zoo is working with the people of Africa to save elephants. How does collaring the oldest female elephant help protect the herd?	6-8
11/4/2021	12:10 PM	Atlanta History Center	Who Was Here First? Native Americans in the Southeast	How did Native Americans communicate and learn? How did they use their environments around them to survive? Explore the Creek and Cherokee culture through storytelling and hands on interaction with reproduction artifacts like a bow and arrow and animal skins and furs, and learn how the Cherokee syllabary was created and how it spread.	2-5
11/4/2021	2:10 PM	Australian Environmental Education	Australian Animals	Discover some amazing animals that only live in Australia. We will explore the deserts to the sea, forests to my backyard to find out more about some of Australia's most interesting animals. You will also see some live insects and a live Green Tree Frog.	4-8
11/4/2021	11:10 AM	Fizzics Education	Kitchen Chemistry	Live from Australia, find out about the science that can be found in your own kitchen. The program covers a broad range of chemical concepts, including physical changes vs. chemical reactions, acids vs. bases, and indicators to detect them.	2-6
11/4/2021	1:10 PM	Fizzics Education	Kitchen Chemistry	Live from Australia, find out about the science that can be found in your own kitchen. The program covers a broad range of chemical concepts, including physical changes vs. chemical reactions, acids vs. bases, and indicators to detect them.	2-6
11/5/2021	12:10 PM	Lee County Mosquito Education	Legs, Eyes, and Wings	In this 45-minute presentation students will identify what it means to be uniquely an insect. They will explore insect characteristics and various physical and behavioral adaptations of this incredible kingdom and discuss the vital role insects play in our natural systems and as pollinators.	7-12
11/5/2021	2:10 PM	Lee County Mosquito Education	Legs, Eyes, and Wings	In this 45-minute presentation students will identify what it means to be uniquely an insect. They will explore insect characteristics and various physical and behavioral adaptations of this incredible kingdom and discuss the vital role insects play in our natural systems and as pollinators.	7-12
11/5/2021	11:10 AM	The Mammoth Site of Hot Springs, SD	What Makes a Mammoth a Mammoth	In this program we will look at the different kinds of mammoths we have here at the Mammoth Site. Using the woolly, Columbian, and pygmy mammoth fossils students will examine what makes each animal unique and what makes them similar. Students will learn how environmental factors influence the morphology or physical appearance of these animals and how mammoths fit into the greater mammal family tree.	2-4
11/5/2021	1:10 PM	Virginia War Memorial	Examining the Constitution	Join Karen A. Chase, author of "Carrying Independence," and VWM Education Director Jim Triesler as they discuss the creation of the Constitution and how it initially defined America's governing structure we still follow today. This program will cover the original seven Articles of the Constitution created in 1787. Join us again on December 13, 2021 to learn about the Bill of Rights.	6-12
11/8/2021	12:10 PM	Manitoba Museum	Inuit: People of the North	Students will learn about the resourcefulness of Inuit communities and their use of skin, stone, bone, and snow. We will investigate artifacts such as the ulu, kudlik, and bow drill, and then take a live virtual tour into the Manitoba Museum's Arctic and Subarctic Gallery. We will examine the flora and fauna of this region and see more examples of historical clothing, weapons, toys, and tools.	2-6
11/8/2021	2:10 PM	Manitoba Museum	Inuit: People of the North	Students will learn about the resourcefulness of Inuit communities and their use of skin, stone, bone, and snow. We will investigate artifacts such as the ulu, kudlik, and bow drill, and then take a live virtual tour into the Manitoba Museum's Arctic and Subarctic Gallery. We will examine the flora and fauna of this region and see more examples of historical clothing, weapons, toys, and tools.	2-6
11/8/2021	11:10 AM	USS Constitution Museum	Is the Sailor's Life for You?	Visit the USS Constitution in Boston MA, the oldest commissioned warship afloat in the world. In this field trip, you'll walk the decks of this historic ship with a US Navy sailor and learn about life at sea during the War of 1812 first-hand! From chores, to food, to sails and battle, this interactive field trip will keep your students engaged in games, polls and demos. This field trip aligns well with the book, The True Confessions of Charlotte Doyle, an historical novel by the American author Avi.	3-8
11/8/2021	1:10 PM	USS Constitution Museum	Is the Sailor's Life for You?	Visit the USS Constitution in Boston MA, the oldest commissioned warship afloat in the world. In this field trip, you'll walk the decks of this historic ship with a US Navy sailor and learn about life at sea during the War of 1812 first-hand! From chores, to food, to sails and battle, this interactive field trip will keep your students engaged in games, polls and demos. This field trip aligns well with the book, The True Confessions of Charlotte Doyle, an historical novel by the American author Avi.	3-8
11/9/2021	12:10 PM	IsraEd	Kristallnacht: The Night the Holocaust Began	Kristallnacht or the Night of the Broken Glass, was the first organized Nazi raid on Jewish synagogues, homes, and businesses. What happened on November 9, 1938 and how did the world react?	6-12
11/9/2021	2:10 PM	North Carolina Museum of Natural Sciences	Beaver Ponds	Learn how beavers build ponds and create habitats for many other creatures, such as frogs, tadpoles, turtles, and snakes.	PK, K-1
11/9/2021	11:10 AM	Putnam Museum and Science Center	Weather Rocks!	Explore the Earth's wonders of weather! Classes will take a look at how clouds are formed in a unique demonstration. Participants examine electrical storms and will be able to create their own tomados.	3-5

11/9/2021	1:10 PM	Putnam Museum and Science Center	Weather Rocks!	Explore the Earth's wonders of weather! Classes will take a look at how clouds are formed in a unique demonstration. Participants examine electrical storms and will be able to create their own tomados.	3-5
11/10/2021	12:10 PM	Author Robert Snyder	What Is a Veteran, Anyway?	This award-winning illustrated book is designed for teachers, parents, and children of all ages to be able to witness and understand the sacrifices and comradery that veterans experience. It emphasizes what veterans go through on a daily basis in a simple to read format. Most importantly, it is written based on 15 years of service in the U.S. Army, including a one-year tour in Baghdad, Iraq during the first year of the war. This life changing experience is portrayed within the book in a way that non-military authors cannot describe or explain without living the life of a soldier under the extreme conditions faced by combat veterans. The aim is to allow children to relate their own life experiences to the every day sacrifices veterans make, whether deployed overseas or training in peacetime.	2-5
11/10/2021	2:10 PM	Canadian Warplane Heritage Museum	Remembrance Day/Veteran's Day	Today's program will trace what in Canada is known as Remembrance Day, which marks the end of World War I. Originally known as Armistice Day, it is a day the country of Canada remembers its' military casualties.	4-12
11/10/2021	11:10 AM	Museum of Fine Arts Boston	Paper Stories, Layered Dreams: The Art of Ekua Holmes	Explore works by artist, illustrator, and lifelong resident of Boston's Roxbury neighborhood, Ekua Holmes. A community activist whose body of work explores themes of childhood, family bonds, memory, and resilience. This exhibition focuses on her award-winning children's book illustrations—vibrant collages revealing stories of self-determination, love, and community that reflect the artist's distinctive vision and commitment to Black imagery.	1-5
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11/12/2021	11:10 AM	Astronomer Dr. Valerie Rapson	Solar and Lunar Eclipses	When the Earth, Moon, and Sun line up just right in space, we can experience a solar or lunar eclipse. In the early-morning hours of November 19, 2021, everyone in North America will get to experience an almost-total lunar eclipse. Join us as we learn about how and why eclipses occur, and how you can watch the November partial lunar eclipse right from your own home!	3-8
11/12/2021	1:10 PM	Astronomer Dr. Valerie Rapson	Solar and Lunar Eclipses	When the Earth, Moon, and Sun line up just right in space, we can experience a solar or lunar eclipse. In the early-morning hours of November 19, 2021, everyone in North America will get to experience an almost-total lunar eclipse. Join us as we learn about how and why eclipses occur, and how you can watch the November partial lunar eclipse right from your own home!	3-8
11/12/2021	2:10 PM	Literacy Chef	Fun with Phonics	This interactive phonics program uses the Whole-Part-Whole approach to teaching phonics. With rhyming poems and fun cloze stories, students learn how to read, speak, write, and use words containing a specific word family. After repeated readings and use of context clues, students finish each lesson with a foldable book that they have become the authors and illustrators of. The controlled vocabulary in these mini-books are perfect for building fluency through repeated readings and creating a box of "I Can Read" books. Today's program will focus on the CVCe word pattern, specifically using the /ike/word family.	K-2
11/12/2021	12:10 PM	Montana Natural History Center	Meet a Mushroom	We will learn all about mushrooms. Is it a plant? Is it an animal? No! It is Fungus! Where and how do they grow? Find out why plants need mushrooms and why mushrooms need plants. We will also learn about the different animals that thrive on mushrooms.	4-6
11/15/2021	11:10 AM	Museum of the Rockies	5 Dinosaur Families	How do scientists categorize dinosaurs? Long necked sauropods, filled ceratopsians, and duck-billed hadrosaurs are only three of the five groups of dinosaurs that we will explore in this program. Join museum educator Dillon Wam to learn more about the lives of these incredible dinosaurs!	K-3
11/15/2021	1:10 PM	Museum of the Rockies	5 Dinosaur Families	How do scientists categorize dinosaurs? Long necked sauropods, filled ceratopsians, and duck-billed hadrosaurs are only three of the five groups of dinosaurs that we will explore in this program. Join museum educator Dillon Wam to learn more about the lives of these incredible dinosaurs!	K-3
11/15/2021	12:10 PM	Royal BC Museum	Animals in the Seasons	Join educator Leslie McGarry from the Kwakwaka'wakw-Kwagiuth First Nation on Vancouver Island in British Columbia. Leslie guides this program about the cultural significance of animals and the season from an Indigenous perspective, as she walks through the First Peoples galleries at the Royal BC Museum. We will warm up with a movement activity before moving into the galleries. - See stone and bone tools, seasonal homes and traditional hunting and gathering techniques - Learn some ways Indigenous people in this part of the world have intentionally lived in balance with nature for thousands of years - Understand seasonal changes and how they affect animals and people - Listen to an Indigenous story from British Columbia	K-2
11/15/2021	2:10 PM	Science Museum of Virginia	Brain Dissection	How does your brain work? Watch an educator dissect a sheep brain while learning its different parts and functions. We'll cover the brain and its role in the nervous system.	6-12
11/16/2021	11:10 AM	National Center for Atmospheric Research	Let's Compare Warm and Cold Air	Our educators will guide your classroom through an experiment with soapy water and a bottle to see how air behaves when it changes temperature, and how that contributes to the formation of some types of clouds and weather. The activity will take ~15 minutes, followed by time for Q&A.	1-3
11/16/2021	1:10 PM	National Center for Atmospheric Research	Let's Compare Warm and Cold Air	Our educators will guide your classroom through an experiment with soapy water and a bottle to see how air behaves when it changes temperature, and how that contributes to the formation of some types of clouds and weather. The activity will take ~15 minutes, followed by time for Q&A.	1-3
11/16/2021	12:10 PM	Northwest Trek Wildlife Park	Wild Survivors	Discover what it really takes to survive in the wild and explore the many different physical and behavioral features animals have to not only help them survive, but the thrive in their habitats! Find out some of the amazing ways animals are able to survive through this interactive lesson with a naturalist featuring animal biofacts and videos. This program includes a naturalist introduction and brief overview of Northwest Trek, a discussion of what it means to survive, what animals need to survive in the wild, and recorded observations of animals to highlight survival skills.	3-6
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11/17/2021	1:10 PM	Alaska SeaLife Center	Alaskan Tidepool Travels	Take a virtual beach walk at the Alaska SeaLife Center! We will interact with and discuss the tidepool creatures that live in this area while learning about the physical adaptations that allow them to live in varying tide zones. Featured: sea anemones, sea urchins, barnacles, mussels, sea cucumbers, sea stars, hermit crabs, and an octopus.	PK, K-4
11/17/2021	2:10 PM	Alaska SeaLife Center	Alaskan Tidepool Travels	Take a virtual beach walk at the Alaska SeaLife Center! We will interact with and discuss the tidepool creatures that live in this area while learning about the physical adaptations that allow them to live in varying tide zones. Featured: sea anemones, sea urchins, barnacles, mussels, sea cucumbers, sea stars, hermit crabs, and an octopus.	PK, K-4
11/17/2021	12:10 PM	The Charleston Museum	Tribal Life and Customs	Explore the lives of South Carolina's earliest inhabitants by examining the daily activities of Native American men, women, and children. Learn their methods of survival by handling animal skins, pottery, arrowheads, and primitive tools.	1-5
11/18/2021	12:10 PM	Author Brianna DuMont	Humorous History: Was Thomas Edison a Thief?	We remember Thomas Edison as a great inventor. But was he actually just a thief? Using primary sources and research from his official biographer, we'll talk about how Edison invented Hollywood—by stealing other people's movies. All of those lawsuits helped create copyright laws, which continually evolve today. We'll end with a game of Copyright or Wrong, where kids can guess using memes and GIFs popular today.	4-6
11/18/2021	2:10 PM	Author Brianna DuMont	Humorous History: Was Thomas Edison a Thief?	We remember Thomas Edison as a great inventor. But was he actually just a thief? Using primary sources and research from his official biographer, we'll talk about how Edison invented Hollywood—by stealing other people's movies. All of those lawsuits helped create copyright laws, which continually evolve today. We'll end with a game of Copyright or Wrong, where kids can guess using memes and GIFs popular today.	4-6
11/18/2021	11:00 AM	Chicago Architecture Biennial	Architecture and Design as Tools for Change	This virtual field trip will help students think about architecture and design as tools that can be used to create positive change in neighborhoods, suburbs, towns, & cities. Students will be asked to think about the communities where they live or attend school and consider what they like about those places and what they might change. Then, we'll visit places in Chicago where community members—including young people just like them—came together to transform vacant lots into spaces for playing, eating, gardening, and celebrating. We'll also look at some examples from around the world of how architects and designers have helped transform cities in exciting ways. A set of activities will be available for participating classrooms to continue to explore these themes after the program	2-5
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11/18/2021	11:10 AM	The American Civil War Museum	A House Divided	What caused the Civil War? What did those four devastating years accomplish? Join us to explore this turning point in American history, from secession to Reconstruction. With this interactive session, delve into the American Civil War Museum's unparalleled collections, from the foundry that cast cannon used to fire on Fort Sumter to the sword Robert E. Lee wore to surrender. Encounter some of the most famous stories from the Civil War, discover some stories for the first time, and unearth the lasting legacies of the War today.	3-6
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11/19/2021	11:10 AM	Living Maths	Puzzles, Problems, and Games: Data Handling	Live from South Africa, join Mr. S, your mathematics guide, on a wonderful journey of exploration and discovery using math as the vehicle. Problem solving, critical thinking, and creative thinking skills will be explored through a digital, interactive whiteboard. Put your thinking cap on and get ready for some fun. Today's focus is on data handling or interpreting data.	1-3
11/19/2021	1:10 PM	Living Maths	Puzzles, Problems, and Games: Data Handling	Live from South Africa, join Mr. S, your mathematics guide, on a wonderful journey of exploration and discovery using math as the vehicle. Problem solving, critical thinking, and creative thinking skills will be explored through a digital, interactive whiteboard. Put your thinking cap on and get ready for some fun. Today's focus is on data handling or interpreting data.	4-6
11/22/2021	2:10 PM	Atlanta History Center	Who Was Here First? Native Americans in the Southeast	How did Native Americans communicate and learn? How did they use their environments around them to survive? Explore the Creek and Cherokee culture through storytelling and hands on interaction with reproduction artifacts like a bow and arrow and animal skins and furs, and learn how the Cherokee syllabary was created and how it spread.	2-5
11/22/2021	11:10 AM	Greenville Zoo	Zoo Toy Shop	Zoo Toy Shop introduces students to all the ways animals have fun at the Greenville Zoo! During this program, we will define animal enrichment, investigate various zoo toys, and even have up-close encounters with some fun-loving education animal ambassadors.	2-5
11/22/2021	1:10 PM	Greenville Zoo	Zoo Toy Shop	Zoo Toy Shop introduces students to all the ways animals have fun at the Greenville Zoo! During this program, we will define animal enrichment, investigate various zoo toys, and even have up-close encounters with some fun-loving education animal ambassadors.	2-5
11/22/2021	12:10 PM	Ocean Wise	The Dish on Fish	22.7% of the seafood we consume is overfished. Large scale fishing provides food and livelihood for millions of people across the world. Unfortunately, the scale of modern fishing has overcome what the ocean can sustain. Learn about the importance of identifying sustainable seafood and how we can make positive food choices for our planet.	5-8
11/23/2021	11:10 AM	Museum of Health Care at Kingston	Military Medicine	Explore the roles that medical specialists played in innovating health in the areas of medicine, nursing, and dentistry to adapt to the reality of saving lives during the First and Second World Wars. Museum artifacts such as military first aid equipment, weapons that caused injuries like empty gas canisters, protective equipment, uniforms, and more are shown.	5-8
11/23/2021	1:10 PM	Museum of Health Care at Kingston	Military Medicine	Explore the roles that medical specialists played in innovating health in the areas of medicine, nursing, and dentistry to adapt to the reality of saving lives during the First and Second World Wars. Museum artifacts such as military first aid equipment, weapons that caused injuries like empty gas canisters, protective equipment, uniforms, and more are shown.	5-8

11/23/2021	12:10 PM	North Carolina Aquarium at Pine Knoll Shores	Turtle, Turtle, Watch Out	Join a sea turtle hatching on its journey from a little baby to a fully grown adult. Participants will enjoy a reading of the book <i>Turtle, Turtle, Watch Out!</i> by April Pulley Sayre. During the reading, students will learn the long journey a sea turtle takes from the time the egg is laid in its nest until adulthood. Your students will discover the many predators a sea turtle has, things humans do that impact or harm sea turtles, and, of course, ways we can all help save sea turtles! The program will end with an up-close look at one of our sea turtles.	K-2
11/23/2021	2:10 PM	North Carolina Aquarium at Pine Knoll Shores	Turtle, Turtle, Watch Out	Join a sea turtle hatching on its journey from a little baby to a fully grown adult. Participants will enjoy a reading of the book <i>Turtle, Turtle, Watch Out!</i> by April Pulley Sayre. During the reading, students will learn the long journey a sea turtle takes from the time the egg is laid in its nest until adulthood. Your students will discover the many predators a sea turtle has, things humans do that impact or harm sea turtles, and, of course, ways we can all help save sea turtles! The program will end with an up-close look at one of our sea turtles.	K-2
11/29/2021	11:10 AM	Chattanooga Zoo	Movin' and Groovin'	Students explore human and animal movement through Zoo Yoga & story telling.	PK, K-1
11/29/2021	1:10 PM	Chattanooga Zoo	Movin' and Groovin'	Students explore human and animal movement through Zoo Yoga & story telling.	PK, K-1
11/29/2021	2:10 PM	Chicago Cultural Center	Jeremiah Hulsebos-Spofford: League of Nations	How does a small hand-held model or maquette from a 3D printer become an enormous installation that fills an entire gallery? Learn how (and why) the artist replicates classical sculpture and common objects and then assembles them into new sculptures. Hint: copy and paste.	6-12
11/29/2021	12:10 PM	IsraEd	Festival of Lights	Live from Jerusalem, we examine the observances and ritual objects associated with the major Jewish holidays as a means toward learning about their historical, agricultural, and religious/ethical significance. Today's program focuses on the Festival of Lights, Chanukah.	5-8
11/30/2021	12:10 PM	CodeJoy	CodeJoy Presents Robot Mini Golf with micro:bit	Elby is desperate to win a kazoo from the prize wall at the mini golf course, but this game is rigged. We will need to learn how to reprogram the old, unfair code of the obstacles to make the games playable. CodeJoy participants will learn the basics of coding position and rotation motors. A computer or Chromebook is required for you to interact with our in-studio robots.	4-8
11/30/2021	2:10 PM	CodeJoy	CodeJoy Presents Robot Mini Golf with micro:bit	Elby is desperate to win a kazoo from the prize wall at the mini golf course, but this game is rigged. We will need to learn how to reprogram the old, unfair code of the obstacles to make the games playable. CodeJoy participants will learn the basics of coding position and rotation motors. A computer or Chromebook is required for you to interact with our in-studio robots.	4-8
11/30/2021	11:10 AM	North Carolina Museum of Art	Exploring Global Art	<u>Drawing upon the rich collection of the NCMA, young students will explore the work of global contemporary artists that express diverse emotions and will make connections between their own experiences and feelings with those of others. This experience targets Self-Awareness skills outlined in the CASEL Competencies for SEL.</u> https://learn.ncartmuseum.org/resources/resources-for-social-emotional-learning-on-ncmalearn/	K-3
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12/1/2021	1:10 PM	Alaska SeaLife Center	Amazing Cephalopods: Squid Dissection	Observe a squid dissection and learn about other "head-footed" animals of the deep, including octopus, squid, cuttlefish, and nautilus.	5-8
12/1/2021	12:10 PM	Author Debi Novotny	Phonics (Sprinkled with Magic): Bossy 'e'	My Magic Hat Rules! is a phonological awareness lesson based book written to help students learn how to take words apart and sound out words, especially those in word families. (cake, make, take, rake, awake) Each new word is pulled from the Magic Hat, while experienced teacher and author, Debi Novotny, encourages participation by modeling how to sound out, read, and write each new word! This story also offers a predictable rhyming pattern that boosts the confidence of even the most reluctant reader. Come along and enjoy the magic of reading with Debi, Magic Hat, Magic Wand, and Puppet Rhyming Rabbit!	PK, K-2
12/1/2021	11:10 AM	Chicago Architecture Biennial	Architecture and Design as Tools for Change	This virtual field trip will help students think about architecture and design as tools that can be used to create positive change in neighborhoods, suburbs, towns, & cities. Students will be asked to think about the communities where they live or attend school and consider what they like about those places and what they might change. Then, we'll visit places in Chicago where community members—including young people just like them—came together to transform vacant lots into spaces for playing, eating, gardening, and celebrating. We'll also look at some examples from around the world of how architects and designers have helped transform cities in exciting ways. A set of activities will be available for participating classrooms to continue to explore these themes after the program	2-5
12/1/2021	2:10 PM	Chicago Architecture Biennial	Architecture and Design as Tools for Change	This virtual field trip will help students think about architecture and design as tools that can be used to create positive change in neighborhoods, suburbs, towns, & cities. Students will be asked to think about the communities where they live or attend school and consider what they like about those places and what they might change. Then, we'll visit places in Chicago where community members—including young people just like them—came together to transform vacant lots into spaces for playing, eating, gardening, and celebrating. We'll also look at some examples from around the world of how architects and designers have helped transform cities in exciting ways. A set of activities will be available for participating classrooms to continue to explore these themes after the program	6-12
12/2/2021	2:10 PM	History San José	Adobe Days	Transport your class to the first Spanish town of Alta California—El Pueblo de San José de Guadalupe. History San José takes students on an excursion of the oldest house in San José, built in 1778. Together, we will explore several aspects of Spanish colonial life—cattle-ranching, cooking, and candle-making—to imagine how Spanish settlers adapted to their new normal and changed the landscape of the future state of California. Focus question: How did Spanish settlers adapt their colonial lifestyle to Alta California?	3-6
12/2/2021	12:10 PM	History Squad	The Magna Carta	Eight centuries ago, on the banks of the River Thames at Runnymede, a document was signed by a disgruntled King. In this webinar, we'll investigate what the Magna Carta is and why it's so important. We'll discover how and why it came about, the effect it had on England and how, in more recent history, it has had an impact on the American people.	3-6
12/2/2021	11:10 AM	Museum of Fine Arts Boston	Art of Ancient Egypt: Middle Kingdom	Examine the history behind funerary objects found in the tomb of a governor during the MFA's early 20th century excavations in Egypt. In their exploration of this tomb's artifacts, students will explore Middle Kingdom beliefs about the afterlife represented in painting, sculpture, and hieroglyphic writing.	3-8
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12/3/2021	12:10 PM	Living Maths	Math in the Real World: Business and Money	Live from South Africa, join Mr. S as we explore Math in the Real World. Have you ever wondered about the stock market? How do people make money in the stock market? Join Mr. S in a game to see who can make the most money with stocks.	4-6

12/3/2021	2:10 PM	The Royal Tyrrell Museum of Palaeontology	Fossil Planet: Insects!	Fossil Planet is a special program offered by the Royal Tyrrell Distance Learning Studio that takes our audience around the world to explore the history of life on earth. Insects, the most successful and numerous animals of all time. They hold a wide variety of specialized adaptations and have a strong ability to react with their environment. Insects are very quick to evolve to new opportunities and the fossil record can show us an amazing glimpse into the lives of insects from millions of years ago. This program will cover the tough armor exoskeleton found in insects and why this makes insect fossils possible. We will also look at insect fossils encased in amber and their relatives the trilobites and sea scorpions.	4-7
12/3/2021	11:10 AM	Virginia Zoo	World Traveler	Get ready for an adventure around the world! As we travel across the globe, your group will meet different animals and explore the places that they call home. They will discover what animals need to survive and predict what might happen if those basic needs are not met. By the end of this program, we hope that participants develop a greater appreciation for wildlife and the habitats that they live in.	PK, K-3
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12/6/2021	10:10 AM	Greenville Zoo	Crittermas	Presents are the best! Did you know that animals give different types of presents to each other. Together, let's discover the world of animal gifts!	4-5
12/6/2021	2:10 PM	Museum of Health Care at Kingston	Talk to a Paramedic	Have you ever wondered what it takes to be a paramedic? Ever had any questions about what paramedics do and the important job they have? Perhaps one day you will be a paramedic. Today, we'll meet a real-life paramedic, so get your questions ready.	1-4
12/6/2021	11:10 AM	Science Museum of Virginia	Volcano Science	How do volcanoes form? What roles do viscosity and gases play in forming volcanoes? Learn all about volcanoes as you see some exciting experiments!	2-4
12/6/2021	1:10 PM	Science Museum of Virginia	Volcano Science	How do volcanoes form? What roles do viscosity and gases play in forming volcanoes? Learn all about volcanoes as you see some exciting experiments!	5-7
12/6/2021	12:10 PM	The Charleston Museum	The Building Arts	Early towns and cities could not have survived without talented craftsmen. Explore the architectural details of the Joseph Manigault House to understand the tools, materials, and labor it took to construct a home in the 1800s. Learn about early architectural styles and what they tell us about the history of the time period.	6-12
12/7/2021	11:10 AM	Chicago Cultural Center	Grand Army of the Republic Unveiled	How do 50,000 pieces of glass come together to form an architectural wonder? Take a sneak peek behind the construction wall and be among the first to see the transformation of this intricate Renaissance patterned 40-foot dome, designed by Healy & Millet. Check out the shimmering sunlight that has not been seen since it was covered some 80 years ago.	4-7
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12/7/2021	12:10 PM	Memphis Zoo	Fascinating Felines at the Memphis Zoo	If you have always been more of a cat person, this program may be right for you! Join us so you can experience all the special characteristics of Memphis Zoo's big cats. From cheetahs playing chase to happy lion roars, we'll try to fit in a much big cat information as we can in our time together.	K-3
12/7/2021	1:10 PM	NASCAR Hall of Fame	Starts with a Problem	Students will use the engineering design process while working in small teams to solve real-world engineering racing problems. Students will be given an engineering problem to address and will need to utilize the engineering process to design, plan, create and improve based on their solution to the program. Problems are based around racing.	3-5
12/8/2021	11:00 AM	Chicago Architecture Biennial	Architecture and Design as Tools for Change	This virtual field trip will help students think about architecture and design as tools that can be used to create positive change in neighborhoods, suburbs, towns, & cities. Students will be asked to think about the communities where they live or attend school and consider what they like about those places and what they might change. Then, we'll visit places in Chicago where community members—including young people just like them—came together to transform vacant lots into spaces for playing, eating, gardening, and celebrating. We'll also look at some examples from around the world of how architects and designers have helped transform cities in exciting ways. A set of activities will be available for participating classrooms to continue to explore these themes after the program	2-5
12/8/2021	12:10 PM	Manitoba Museum	Exploring the Solar System	Discover your place in space with this virtual planetarium show! Explore the planets of our solar system, as well as moons, asteroids, and comets, and learn about how people explore them using technology and in-person. Go from our backyard view of a "flat earth" through the earth-centered and then sun-centered solar system, model moon phases, and discover the technology we use to understand other planets and what that data teaches us about our own planet.	5-9
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12/8/2021	11:10 AM	Museum of Fine Arts Boston	Art of Ancient Nubia	Examine ancient Nubian art to learn about this sophisticated ancient civilization and its complex relationship with neighboring ancient Egypt. Students will explore how 20th-century MFA archaeologists interpreted Nubian art and culture and what the museum is doing now to correct those earlier misconceptions and biases.	6-12
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12/9/2021	12:10 PM	Ocean Wise	Fish of the Future	How do you get protein? Seafood is a major source of protein for around 3 billion people around the world! With so many mouths to feed, humans need to get creative. Dig into the world of small-scale fisheries, traditional fishing practices and sustainable food choices.	5-8
12/9/2021	2:10 PM	Royal BC Museum	Fossil Teeth	Fossil skeletons can tell us a lot about extinct animals even though we can't see them walking around today. Tooth shape is one of the many ways that scientists can discover what animals like dinosaurs and mammoths ate. Join palaeontologist Derek Larson as he discusses herbivores, carnivores, ecosystems, and fossil teeth and shows examples from the fossil record. Students will learn what tooth shapes are known for different diets, and how students can use this information to spot herbivores and carnivores today.	4-7
12/9/2021	11:10 AM	Smithsonian National Portrait Gallery	The Art of Portraiture	How do artists create portraits? Students will take a close look at modern and contemporary portraiture through the lens of artists' decisions, paying particular attention to the different approaches that artists take to their subject matter and the different processes that they use in making their art.	4-7

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12/10/2021	12:10 PM	Astronomer Dr. Valerie Rapson	Pluto: Our Favorite Dwarf Planet	In 2015, the New Horizons spacecraft flew by Pluto, giving us our first up close look at the dwarf planet at the edge of our solar system. In this lesson, we will explore the properties of Pluto, talk about why it's called a dwarf planet and not a regular planet, and learn more about other dwarf planets in the Solar System.	K-5
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12/10/2021	11:10 AM	Atlanta History Center	The Price of Freedom	Was the Civil War worth the cost to our nation? What were the causes and consequences of the Civil War? Students will be invited to think critically about these critical questions on our newly developed virtual tour: Price of Freedom. By the end of this virtual tour, students will have done more than study history; they will have participated in it. First, students will climb the stairs to an attic hideaway simulating Harriet Jacob's seven-year long imprisonment as she sought to free herself from the cruel grasp of the institution of slavery. The true price of freedom is explored as students witness the devastating realities of Jacobs' existence in hiding. Next, students will role-play as a Civil War soldier in Atlanta History Center's Turning Point exhibition and make realistic, vital decisions that could affect their character's life. Virtual simulations and performances bring history to life as students are transported back to 1861. To wrap the tour, students will participate in an inquiry-based activity, examining primary sources to discover why the South seceded from the Union. Looking at detailed excerpts from Mississippi and South Carolina's Declarations of Secession, students will translate language from the 1860s to understand the Civil War's leading cause better.	4-9
12/10/2021	1:10 PM	Atlanta History Center	The Civil War	What was life like during the Civil War for soldiers and civilians? What were the causes of the Civil War? Experience what was needed to survive and what life was like as a Civil War soldier using reproduced artifacts like minié bullets, uniforms, and hardtack.	3-5
12/13/2021	1:10 PM	Arizona-Sonora Desert Museum	Drawing Desert Life	Get your crayons, pencils, and paper ready! In this interactive class an Education Specialist will teach you how to draw desert life. More than just drawing and illustrating though, you will observe details of life all around you. Hone your observation skills and have fun as you meet and draw the flora and fauna of the Sonoran Desert!	2-5
12/13/2021	1:30 PM	Crossing Borders	What Makes Music Special? Windows and Mirrors	What makes your favorite music "special"? Is it the music itself? The memory of when you first heard it? The context in which you hear it? How do our personal backgrounds affect how we hear music? How can music help us relate to others? This unique program, filled with "special" music from Colombia, Haiti, Scotland, and the U.S., explores musical and non-musical elements that make music impactful.	6-12
12/13/2021	12:10 PM	Museum of the Rockies	Rocks that GLOW: Exploring Fluorescent Minerals	Did you know that rocks can GLOW? While some rocks and minerals can look plain and dull, under different wavelengths of ultraviolet light, they fluoresce hot pink, orange, purple, red, and more! Why do some rocks fluoresce while others don't? Explore the world of brightly colored fluorescent minerals with paleontologist and educator, Ashley Hall.	2-4
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12/13/2021	11:10 AM	Virginia War Memorial	Examining the Bill of Rights	Join VWM Education Director Jim Triesler as he discusses the development and significance of the Bill of Rights, the first ten amendments to the United States Constitution. Why this program? When people join the American military, their oath includes that they will "support and defend the Constitution of the United States against all enemies, foreign and domestic." The Virginia War Memorial teaches about the Constitution and America's Founding Documents because it is also necessary for students to understand what our service members are fighting to defend.	6-12
12/14/2021	2:10 PM	Art Institute of Chicago	Art + Activism	Discover how art across time and cultures has promoted change by surfacing issues, communicating perspectives, and posing questions. Learners will explore the choices artists have made to activate audiences and consider how their own art and voice can have an impact.	6-12
12/14/2021	11:10 AM	Author Natalie Rompella	Writers' Workshop: Creative Writing	Natalie Rompella, author of such books as Secrets to Storytelling, Cookie Cutters & Sled Runners, and Edgar, Allan, and Poe and the Tell-Tale Beets will walk your students through a creative writing story starter to get them thinking and writing about a character and setting. Students should come ready to write.	4-7
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12/14/2021	12:10 PM	Royal Botanical Gardens	Nature in Our Holiday Traditions	When you think of this time of year, what smells and colours come to mind? Pine, gingerbread, mulled cider, green, and red? These are related to plants that have been used to celebrate our winter holidays for thousands of years within different cultures. In fact, most of the plants that we use today for holidays have long histories and amazing stories from ancient times. These stories come from all around the world, and are part of many religions and beliefs. During the presentation, depending on the time, we'll demonstrate how to make a simple door decoration and/ or a pomander.	4-8
12/15/2021	1:10 PM	Art Institute of Chicago	Art + Activism (en español)	Descubra cómo el arte a lo largo del tiempo y las culturas ha promovido el cambio al hacer surgir problemas, comunicar perspectivas y plantear preguntas. Los estudiantes explorarán las elecciones que han hecho los artistas para activar al público y considerarán cómo su propio arte y voz pueden tener un impacto.	6-12
12/15/2021	12:10 PM	Author Debi Novotny	Phonics (Sprinkled with Magic): Two Vowels Side by Side	My Magic Hat Rules! is a phonological awareness lesson based book written to help students learn how to take words apart and sound out words, especially those in word families. (goat, boat, moat, coat, float) Each new word is pulled from the Magic Hat, while experienced teacher and author, Debi Novotny, encourages participation by modeling how to sound out, read, and write each new word! This story also offers a predictable rhyming pattern that boosts the confidence of even the most reluctant reader. Come along and enjoy the magic of reading with Debi, Magic Hat, Magic Wand, and Puppet Rhyming Rabbit!	PK, K-2

12/15/2021	11:10 AM	MarineLab	Jelly Bellies: Scientific Observation of Cassiopea Jellyfish	The MarineLab instructors will broadcast live from a preferred home of the Cassiopea jellyfish- the MarineLab boat basin! Students will practice making scientific observations using live Cassiopea while learning all about this jellyfish. We will conclude with "three truths and a lie" to help dispel myths of this oft-feared creature. Implications of society's view on organisms such as jellyfish will be discussed.	3-8
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12/16/2021	12:10 PM	Author Ginjer Clarke	Reindeer: On the Move	Nonfiction science author Ginjer Clarke shares fun facts, myth-busters, and exciting animal adventures with select excerpts from her newest beginning reader title, Reindeer: On the Move. Along the way, she will share information about migrations, adaptations, and habitats using maps and photos to provide additional content.	PK, K-2
12/16/2021	2:10 PM	Author Ginjer Clarke	Reindeer: On the Move	Nonfiction science author Ginjer Clarke shares fun facts, myth-busters, and exciting animal adventures with select excerpts from her newest beginning reader title, Reindeer: On the Move. Along the way, she will share information about migrations, adaptations, and habitats using maps and photos to provide additional content.	PK, K-2
12/16/2021	11:10 AM	Fizzics Education	Light and Color	Live from Australia, it's colorful science. From absorption to reflection, students will gain a strong understanding of light and it's applications in everyday life. Investigate the visible light spectrum, including color addition and subtraction. Explore luminescent minerals and other objects using ultraviolet light. Find out why sunsets are red and learn about color and energy relationships. How can you make colored shadows? Learn about translucent, transparent, and opaque materials - Learn about refraction vs. reflection and how to make a telescope. Investigate optical fiber and its use in hi-speed broadband technology. Mix creative color changing chemical concoctions and see illusions!	3-7
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12/17/2021	11:30 AM	International Music Foundation	KAIA String Quartet	KAIA is a Chicago-based string quartet that specializes in exploring and sharing the rich and diverse body of music from Latin America. The string quartet will present "A Trip Around the World" focused on exploring music from many different countries. A wide variety of styles and functions will be discussed as well as instrumentation, composers, and folk traditions. This interactive presentation will include images of flags, composers, and cultural images in addition to ways to move in the classroom!	K-4
12/17/2021	11:10 AM	Living Maths	Puzzles, Problems, and Games: Problem Solving	Live from South Africa, join Mr. S, your mathemagics guide, on a wonderful journey of exploration and discovery using math as the vehicle. Problem solving, critical thinking, and creative thinking skills will be explored through a digital, interactive whiteboard. Put your thinking cap on and get ready for some fun. Today's focus is on problem solving.	1-3
12/17/2021	1:10 PM	Living Maths	Puzzles, Problems, and Games: Problem Solving	Live from South Africa, join Mr. S, your mathemagics guide, on a wonderful journey of exploration and discovery using math as the vehicle. Problem solving, critical thinking, and creative thinking skills will be explored through a digital, interactive whiteboard. Put your thinking cap on and get ready for some fun. Today's focus is on problem solving.	4-6
12/20/2021	12:10 PM	Mount Washington Observatory	Introduction to Extreme Weather Observations	The tallest point in the northeastern United States is New Hampshire's Mt. Washington, home to some of the most extreme conditions on the planet. Nowhere else on Earth exists such a consistent combination of sub-zero temperatures, hurricane-force winds, freezing fog, and driving snow. We'll go live to the weather station at its peak and learn first-hand what life is like at Mount Washington Observatory, home of the "World's Worst Weather."	3-8
12/20/2021	2:10 PM	The Mammoth Site of Hot Springs, SD	Where Did the Mammoths Go?	The extinction of the Ice Age megafauna is a topic lively debated amongst Cenozoic scholars. In this program, students will learn about the potential for extinction to be caused by climate shift, overhunting by humans, and disease. The evidence for and against each theory will be discussed. Students will see how early humans used a variety of stone tools to hunt and process mammoths. Lastly, using the rock record students will see how the Earth has shifted past climates and how that could have affected these animals.	6-9
12/20/2021	11:10 AM	The Toy Museum of NY	The History & Science of Toy Invention	This program begins with a brief introduction about classic toys from long ago. Students will learn about events from the past and why these selected toys were invented. This introduction is an important step in the creative process and helps to establish the skills necessary to transform ideas into something more. The basic principles for inventing a toy are discussed then tested out as we collaborate to invent a pretend toy.	2-6
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12/21/2021	12:10 PM	CodeJoy	CodeJoy Presents Robot Relaxation with micro:bit	The Little Bots are feeling nervous about taking a test today. They could use some support from their friends! CodeJoy participants will learn the basics of coding and design using the micro:bit LED screen while learning breathing techniques to help with our mental health and well-being. A computer or Chromebook is required for you to interact with our in-studio robots.	4-8
12/21/2021	2:10 PM	CodeJoy	CodeJoy Presents Robot Relaxation with micro:bit	The Little Bots are feeling nervous about taking a test today. They could use some support from their friends! CodeJoy participants will learn the basics of coding and design using the micro:bit LED screen while learning breathing techniques to help with our mental health and well-being. A computer or Chromebook is required for you to interact with our in-studio robots.	4-8
12/21/2021	11:10 AM	National D-Day Memorial	Christmas in Wartime	World War II impacted how holidays were celebrated with family members serving overseas and rationing limiting what could be bought in the store. Did you know that even Santa joined the war effort? In this program, we will learn how people celebrated Christmas during the 1940s and then together, we will make an ornament.	K-5

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1/3/2022	12:10 PM	Museum of the Rockies	From Tiny to Tyrant: Growing Up T.Rex	What did T.Rex look like growing up? Through Montana's rich fossil record, paleontologists have pieced together what these incredible dinosaurs looked like - from tiny hatchlings to bone-crushing adults. What did their eggs look like? Did they have feathers? What did a teenage T.Rex look like? Join Scott Williams, Paleontology Lab and Field Specialist to learn about the dynamic life of Tyrannosaurus Rex.	2-6
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1/3/2022	11:10 AM	Victims of Communism Memorial Foundation	Ideologies and Methods of Rule: Communism 101	This program will define and discuss communism, its origins, ideological components, communism in practice, and the human toll that the implementation of communism has had worldwide.	9-12
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1/4/2022	2:10 PM	Alaska SeaLife Center	Living in the Ring of Fire	Verify plate tectonic theories by investigating geologic activities around the Pacific plate, specifically here in Alaska.	5-8
1/4/2022	11:10 AM	Chattanooga Zoo	Super Duper Senses	Students participate in an activity that explores how humans and animals use the five senses.	PK-K
1/4/2022	1:10 PM	Chattanooga Zoo	Super Duper Senses	Students participate in an activity that explores how humans and animals use the five senses.	PK-K
1/4/2022	12:10 PM	Royal BC Museum	Orca Activism	Learn about the culture and behaviour of orca whales with orca enthusiast and author Mark Leiren-Young in this Q&A style presentation. The program takes place within Orcas: Our Shared Future exhibit at the Royal BC Museum. Mark will guide us through some behaviours and biology of orcas before we look closer at individual whales who have changed the world, including Moby Doll and Namu. We'll learn how peoples' views of these whales have changed over time, some of the threats to ocean health, and human efforts that are helping to protect orcas. Questions are welcomed throughout the program. Mark Leiren-Young is the author of multiple books about orcas, including Orcas Everywhere and also wrote the text for the exhibit Orcas: Our Shared Future at the Royal BC Museum. He directed and wrote The Hundred-Year-Old Whale, a documentary about the matriarch of the southern resident orcas that won the 2018 Writers Guild of Canada Award for Documentary. He also hosts the popular environmental podcast Skaana.	8-12
1/5/2022	12:10 PM	Northwest Trek Wildlife Park	All About Birds	Explore the history of the first bird-like creatures on Earth and what they have in common with today's diverse bird species. Discover what makes a bird a bird through an interactive lesson with a naturalist featuring bird biofacts and videos of some of the birds that live at Northwest Trek.	3-6
1/5/2022	1:10 PM	Texas State Aquarium	Virtual Classroom: Flamingos	Long legs, long necks, pink bodies... you guessed it, flamingos! Use your STEM process skills of prediction, observation, data collection, and communication to create a life-size flamingo in your classroom.	PK, K-2
1/5/2022	11:10 AM	The Charleston Museum	Feathered Friends	Feathers are a characteristic unique to birds. Investigate the skeletal structures of birds to understand how they adapted to their habitats. Students will get a close look at feathers, wings, nests, and eggs to better understand and appreciate these beautiful animals.	K-3
1/6/2022	11:10 AM	Museum of Fine Arts Boston	Art of India: Spotlight on Hindu Gods & Goddesses	Examine ancient stone sculptures that were once part of religious monuments and temples in India. Students will learn to identify common features used in representations of Hindu deities and then listen to some of the captivating stories associated with the gods and goddesses.	3-8
1/6/2022	1:10 PM	Museum of Fine Arts Boston	Art of India: Spotlight on Hindu Gods & Goddesses	Examine ancient stone sculptures that were once part of religious monuments and temples in India. Students will learn to identify common features used in representations of Hindu deities and then listen to some of the captivating stories associated with the gods and goddesses.	3-8
1/7/2022	12:10 PM	Living Maths	Math in the Real World: Art and Design	Live from South Africa, join Mr. S as we explore Math in the Real World. Art and design is more than just drawing and painting. Math plays a role in everything you design and create. Let us take a closer look at how math features into the world of art and design.	1-3
1/7/2022	11:10 AM	Mount Washington Observatory	Winter Weather	Mt. Washington is famous for its extreme weather, but few get to experience its fury. Join observatory staff for a program which examines the forces behind winter weather events - such as blizzards, nor'easters, lake-effect snow, freezing rain, and extreme cold. We'll apply simple concepts and personal experience to understand the storms that produce New England's extreme winter weather events.	3-8
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1/7/2022	2:10 PM	The Royal Tyrrell Museum of Palaeontology	Fossil Planet: Rocks and Minerals	Fossil Planet is a special program offered by the Royal Tyrrell Distance Learning studio that takes our audience around the world to explore the history of life on earth. The secret to being a successful palaeontologist often relies on being a good geologist. In this program, we will explore the link between rock and the fossils they contain. We will also learn what fossil localities looked like in the past based on the composition of their rock layers.	4-9
1/10/2022	11:10 AM	Atlanta History Center	Fight for Your Rights	Do YOU have what it takes to be a Freedom Fighter? Travel back in time with us and find out! In the Fight for Your Rights, students will explore the Civil Rights era and connect it to social movements throughout history. First, our time-travel guides will take students back to the past where they will meet leaders of the Voting Rights movement of 1946 and the Atlanta Sit-in movement of 1960. Then, the real show begins with our LIVE recreation of the 1961 Freedom Rides. Students will have the ride of their lives, complete with historical performances, video footage, audio clips, and a discussion that will inspire the next generation of citizens to take action in their communities. You don't want to miss this groundbreaking educational experience, sure to engage, inspire, and inform!	6-12

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1/10/2022	2:10 PM	Australian Environmental Education	Australian Marine Life	The southern waters around Australia are home to a variety of habitats including kelp beds and sponge gardens. These are wonderful places to dive and discover the diversity of animals that live there. I will share some of my favourite diving stories with you and highlight some of the amazing animals.	4-8
1/10/2022	12:10 PM	The Gibbes Museum of Art	Animals and Ecosystems in Art	Art often tells a story. Sometimes this story is about a person, but it can also be about a place or an ecosystem. Discover some works at the Gibbes Museum of Art in Charleston, SC permanent collection that depict the South Carolina Lowcountry and some of the creatures and plants that inhabit those areas.	1-5
1/11/2022	2:10 PM	Chicago Cultural Center	Robert Colescott: Art and Race Matter	Students will be captivated by the paintings of Robert Colescott. His satirical works such as "George Washington Carver crossing the Delaware" often convey exuberant, comical or bitter reflections on the African American experience. In the artists words, "If you decide to laugh, don't forget the 'humor is the bait,' and once you've bitten, you may have to do some serious chewing. The tears may come later."	10-12
1/11/2022	11:10 AM	Delaware Historical Society	Journey to Freedom: The Underground Railroad	What was it like to seek freedom on the Underground Railroad? Explore this question by learning about one enslaved man's journey to freedom on the Underground Railroad in Delaware. Then learn about freedom seekers and the brave men and women, both enslaved and free, who made Delaware and the surrounding region one of the most successful routes to freedom in the years before the Civil War.	4-8
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1/11/2022	12:10 PM	The Sheffield Museum of Rural Life	Meet Benedict Arnold	Although his name became synonymous with traitor, Benedict Arnold believed himself to be a true Patriot to the end. Find out first-hand about his motives, experiences, and how his heroic actions saved the American Revolution. Students and teachers may direct the discussion through their questions and decide for themselves if Arnold was really a traitor or a hero.	4-8
1/12/2022	12:10 PM	Author Debi Novotny	Phonics (Sprinkled with Magic): Words that end in [-ay]	My Magic Hat Rules! is a phonological awareness lesson based book written to help students learn how to take words apart and sound out words, especially those in word families. (bay, ray, stay, may, hay) Each new word is pulled from the Magic Hat, while experienced teacher and author, Debi Novotny, encourages participation by modeling how to sound out, read, and write each new word! This story also offers a predictable rhyming pattern that boosts the confidence of even the most reluctant reader. Come along and enjoy the magic of reading with Debi, Magic Hat, Magic Wand, and Puppet Rhyming Rabbit!	PK, K-2
1/12/2022	11:10 AM	North Carolina Museum of Natural Sciences	Bones and Muscles of the Body	How do the bones and muscles in a human body compare to those in other animals? In this class, students will learn about the skeletal and muscular systems of the human body, while exploring these systems in other animal groups.	3-5
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1/13/2022	11:10 AM	Fizzics Education	Forces and Friction	Live from Australia: learn how objects really move! In this workshop, we'll look in-depth at how push and pull forces act to move objects... especially toys! Also, explore what variables impact friction between two surfaces and how this impacts an object's movement. Rotational forces are explored in a variety of objects and we spend time ensuring that the kids understand how inertia works. Newton would be happy here!	3-7
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1/13/2022	12:10 PM	Manitoba Museum	Amazing Plant Adventure	Plants are amazing living things! What do they need to survive? Join us on a plant adventure through the Manitoba Museum Galleries to learn how plants adapt to different environments, and how they can be both useful and harmful to humans. We'll also discover how animals and plants depend on one another. As an added bonus, we'll check out the Nonsuch fur trading ship and how it is made up almost entirely of plants!	1-4
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1/14/2022	12:10 PM	Astronomer Dr. Valerie Rapson	Constellations in the Winter Night Sky	The winter night sky has some of the most recognizable constellations, including Orion the hunter, Taurus the bull, and Gemini the twins. Once you've found Orion, you can easily navigate to the Pleiades star cluster, the Dog star Sirius, and many others. Join us as we learn about the stars and planets visible in the winter sky, and the science and history behind these objects.	4-8
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1/14/2022	11:10 AM	North Carolina Zoo	Investigating Invertebrates	We usually consider them to be the creepy crawlies of the world, but these important animals are literally "spine-less." Learn how invertebrates rule the world by keeping us and the world around us healthy.	PK, K-2

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1/18/2022	11:10 AM	Greenville Zoo	Neighborhood Naturalists	Neighborhood Naturalists will introduce the many ways you can explore nature in your own backyard! During this program, we will discuss common urban animals, ways to build a backyard habitat, and even meet some local education animal ambassadors.	K-5
1/18/2022	1:10 PM	Greenville Zoo	Neighborhood Naturalists	Neighborhood Naturalists will introduce the many ways you can explore nature in your own backyard! During this program, we will discuss common urban animals, ways to build a backyard habitat, and even meet some local education animal ambassadors.	K-5
1/18/2022	12:10 PM	Smithsonian National Portrait Gallery	The Art of Portraiture	How do artists create portraits? Students will take a close look at modern and contemporary portraiture through the lens of artists' decisions, paying particular attention to the different approaches that artists take to their subject matter and the different processes that they use in making their art.	4-7
1/18/2022	10:10 AM	Victims of Communism Memorial Foundation	Ideologies and Methods of Rule: Totalitarianism	This program will define and discuss totalitarianism, explore the unique characteristics of totalitarian societies, and show examples of the tools used in this method of rule.	9-12
1/18/2022	2:10 PM	Victims of Communism Memorial Foundation	Ideologies and Methods of Rule: Totalitarianism	This program will define and discuss totalitarianism, explore the unique characteristics of totalitarian societies, and show examples of the tools used in this method of rule.	9-12
1/19/2022	11:10 AM	Kenn Nesbitt's Poetry 4 Kids	How to Write Winter Poems	What better way to spend a cold and snowy winter's day than writing a poem about the season? From snowmen to sledding, from hot chocolate to holidays, hear some famous and fun winter poems and learn to write them too.	3-6
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1/19/2022	12:10 PM	Virginia War Memorial	Eyewitness to History: Vietnam War	Join the Virginia War Memorial for this special chance to hear about history directly from those who lived it. During this program, we will be hosting Vietnam War Veterans to speak about their experiences during the war and their thoughts on its legacy. The VWM's "Eyewitness to History" programs are a unique way for students to ask questions directly to the people whose experiences they are trying to understand. We encourage teachers and students to come up with some questions in advance in order to get the most out of these programs!	6-12
1/20/2022	12:10 PM	Ocean Wise	Sharks: Superhero of the Reef	What has 3,000 teeth, travels at 50km/h, and doesn't have bones? Get up close and personal, virtually, with one of the world's most infamous apex predators. Join us as we discover the superhero powers of sharks, their valuable place in a coral reef ecosystem, and maybe unveil a softer side to this fantastic fish.	K-4
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1/20/2022	11:10 AM	Putnam Museum and Science Center	Circuits	Copper tape, batteries, and LED'S oh my!! Simplicity is key when it comes to making electricity. Let us help teach your students in an electrifying class all about how simple circuits work.	3-5
1/20/2022	1:10 PM	Putnam Museum and Science Center	Circuits	Copper tape, batteries, and LED'S oh my!! Simplicity is key when it comes to making electricity. Let us help teach your students in an electrifying class all about how simple circuits work.	3-5
1/21/2022	11:30 AM	International Music Foundation	Surabhi Ensemble: Indian/Spanish Music and Dance Program	Members of Las Guitarras de España and the Surabhi Ensemble will present music from the "Andalusian Trail" featuring elements of Indian, Arabic and Spanish flamenco music and dance. The artists will also discuss the diverse history of Andalusia, Spain and take questions about the music, culture and history of this area.	3-6
1/21/2022	11:10 AM	Living Maths	Puzzles, Problems, and Games: Measurement	Live from South Africa, join Mr. S, your mathematics guide, on a wonderful journey of exploration and discovery using math as the vehicle. Problem solving, critical thinking, and creative thinking skills will be explored through a digital, interactive whiteboard. Put your thinking cap on and get ready for some fun. Today's focus is on measurement.	1-3
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1/21/2022	12:10 PM	Royal Botanical Gardens	Photosynthesis	Green plants are the one of the few organisms that can make their food (autotrophic) from just water and CO2, thanks to photosynthesis. We'll explore how the various parts of the plant are used in this process and the adaptations plants have to carry out photosynthesis in different environments. There are a couple of experiments you can do ahead of time to explore these structures and processes which can be found in the materials related to this program. The stomata and chromatography experiments are optional, but if you can do them, I will be referring to the results.	6-12
1/21/2022	2:10 PM	The Mammoth Site of Hot Springs, SD	A Mammoth Mystery	In this program, students will be shown mammoth bones, trace fossils, and other fossils from the Mammoth Site that help us understand what happened here in the past. Students will get a look at rock layers in the Black Hills of South Dakota and learn about limestone formations in the Paleozoic seas, the Western Interior Seaway, and up to the Cenozoic period. Students will understand how certain bones can indicate age and gender of the mammoths, how fossils indicate it was a spring, and how fossil pollen gives us an idea of what plants were in the area.	3-5
1/24/2022	12:10 PM	Author Kelly Milner and the Wonders of Weird	Animals Come in Many Colors	Raccoons are known for their grey bodies and cute black masks. Crocodiles are known for their rough and bumpy green skin. Penguins are known for their black and white tuxedo look. But did you know they could also be snowy white or as dark as the midnight sky? Animals come in many different colors, and every one of them is cute! This program will explore how and why differences make the animal world a lot more fun.	PK, K-3
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1/24/2022	11:10 AM	North Carolina Museum of Art	Our State: NC Art and Artists	Learn about North Carolina by investigating works of art and artists with rich and diverse connections to the state.	3-8
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1/25/2022	12:10 PM	CodeJoy	CodeJoy presents Robot DJ with micro:bit	Elby has really gotten himself in a pickle now - he is scheduled to play a set at the robot music festival, Cardstock, but he doesn't have any music prepared! CodeJoy participants will learn the basics of coding and musical design using Makecode. Hopefully we can get the crowd moving! A computer or Chromebook is required for you to interact with our in-studio robots.	4-8
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1/25/2022	11:10 AM	Roper Mountain Science Center	Science Magic	Sometimes science demonstrations can seem like magic. Unlike magicians, scientists love to explain how things work! Your educator will perform several demonstrations that may first seem like magic. Then, with the help of observations from the audience, we will figure out the scientific process behind the trick and learn what is really happening. The demonstrations include one chemistry demonstration, one related to physical change/mixtures, one about Newton's laws of motion, and one related to the properties of water and specific heat.	1-5
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1/26/2022	1:10 PM	Arizona-Sonora Desert Museum	Flying Friends	Which desert animals have the power of flight? Certainly not humans! Let's take a look at our flapping friends and see how they manage to get airborne. Birds, bats and beetles can fly — but how?	3-5
1/26/2022	1:30 PM	Crossing Borders	What Makes Music So Special? Music and Context	What makes your favorite music "special"? Is it the music itself? The memory of when you first heard it? The context in which you hear it? How do our personal backgrounds affect how we hear music? How can music help us relate to others? This unique program, filled with "special" music from Cambodia, Taiwan, Colombia, and India, explores musical and non-musical elements that make music impactful.	6-12
1/26/2022	12:10 PM	History San José	Early to Rise: Life in the Late 1800s	When did a kid's day begin in the late-1800s? Students have the chance to virtually wash clothes, milk a cow, and practice cursive handwriting during their schoolhouse lesson. History San José guides students through a vivid experience so they can make comparisons between the lives of children 100 years ago and their own lives today. Focus question: How did children live, work, and play during the late-19th century?	2-4
1/26/2022	11:10 AM	NC State Historic Sites	A Virtual Visit to the NC State Capitol	Completed in 1840, the North Carolina State Capitol is a National Historic Landmark that functions as a historic site and the seat of state government. On this guided virtual tour, students will learn about the history of this remarkable building and become acquainted with North Carolinians who broke barriers and blazed a trail for others. Oh and did we mention we're home to a one-of-a-kind, world-famous statue of George Washington wearing a toga?	3-5
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1/27/2022	11:10 AM	IsraEd	Heroes of the Holocaust	Live from Jerusalem on International Holocaust Remembrance Day, students encounter heroes of the Holocaust, including Jews who persevered in the face of degradation and death and non-Jews who risked their lives and families to help friends and strangers in need.	6-12
1/27/2022	1:10 PM	IsraEd	Justice After the Holocaust	Live from Jerusalem on International Holocaust Remembrance Day, this session examines how Israel, Jewish organizations, and the international community have pursued justice after the Holocaust and the lessons that have been learned.	6-12
1/27/2022	12:10 PM	Ocean Wise	Ecology in the Emerald Sea	Help from kelp! The kelp forests of British Columbia, Canada, are some of the most diverse and picturesque ecosystems on the planet. Take the plunge into this underwater forest to discover why it's not just worth keeping for its beauty. Taking inspiration from Indigenous teachings and western science, we will discuss conservation solutions for this valuable habitat.	3-7
1/27/2022	2:10 PM	Virginia Museum of Contemporary Art	Shaping Memory: Expressions in Clay	In this exhibition, 6 artists explore the power of memory through clay sculptures inspired by formative moments in their own lives, inherited stories passed down through generations, meaningful objects, and significant historical events. In the process, they invite us to think about the uniqueness of every individual, elements such as race and regional identity that bind us to groups, and the universal human condition that we all share. Our tours use a selection of works from our current exhibitions to foster close observation, critical-thinking, and rich discussions that support learning standards through an inquiry-based approach.	K-5
1/28/2022	12:10 PM	History Squad	Life in the City of Rome	For over 1000 years, the Roman Empire was one of the greatest and most influential civilizations in world history. This webinar will give students the chance to build on their knowledge about the Romans as we explore the city of Rome. We'll examine how the city functioned and learn about the incredible sewers that ran beneath it. We'll explore how the Romans lived, look at their homes, shops, food, religion etc., and using a model villa, children will learn a little Latin and discover how homes were heated back then. The session finishes with a great gladiator story about the opening games of the magnificent Colosseum.	3-6
1/28/2022	2:10 PM	Literacy Chef	Fun with Phonics	This interactive phonics program uses the Whole-Part-Whole approach to teaching phonics. With rhyming poems and fun cloze stories, students learn how to read, speak, write, and use words containing a specific word family. After repeated readings and use of context clues, students finish each lesson with a foldable book that they have become the authors and illustrators of. The controlled vocabulary in these mini-books are perfect for building fluency through repeated readings and creating a box of "I Can Read" books. Today's program will focus on one syllable words using the long e spelling pattern for words ending in (-y).	K-2
1/28/2022	11:10 AM	Science Museum of Virginia	Visiting Space Without Leaving Your Space	Travel the cosmos with our astronomers and explore stars, planets, and galaxies. We'll cover recent scientific discoveries, future missions—crewed and uncrewed, and more.	5-9
1/28/2022	1:10 PM	Science Museum of Virginia	Visiting Space Without Leaving Your Space	Travel the cosmos with our astronomers and explore stars, planets, and galaxies. We'll cover recent scientific discoveries, future missions—crewed and uncrewed, and more.	5-9
1/31/2022	11:10 AM	Author Ginjer Clarke	Writers' Workshop: Story Starters	Nonfiction science author Ginjer Clarke invites readers to become writers and shares a super-simple formula for starting a story. She discusses the process of how a book gets made through examples from her own books. Then, she leads students through a short story starter exercise that gives them all the ingredients they need to write their own books.	3-4

1/31/2022	1:10 PM	Author Ginjer Clarke	Writers' Workshop: Story Starters	Nonfiction science author Ginjer Clarke invites readers to become writers and shares a super-simple formula for starting a story. She discusses the process of how a book gets made through examples from her own books. Then, she leads students through a short story starter exercise that gives them all the ingredients they need to write their own books.	3-4
1/31/2022	12:10 PM	Seacoast Science Center	Sharks, Skates, and Rays	Dive in with our experts to learn more about the characteristics fish share and use your powers of observation to explore diversity between species. Students will learn about the benefits and drawbacks of different structural and behavioral adaptations in different habitats in the ocean.	K-5
1/31/2022	2:10 PM	Seacoast Science Center	Sharks, Skates, and Rays	Dive in with our experts to learn more about the characteristics fish share and use your powers of observation to explore diversity between species. Students will learn about the benefits and drawbacks of different structural and behavioral adaptations in different habitats in the ocean.	K-5
2/1/2022	2:10 PM	Literacy Chef	Fun with Phonics	This interactive phonics program uses the Whole-Part-Whole approach to teaching phonics. With rhyming poems and fun cloze stories, students learn how to read, speak, write, and use words containing a specific word family. After repeated readings and use of context clues, students finish each lesson with a foldable book that they have become the authors and illustrators of. The controlled vocabulary in these mini-books are perfect for building fluency through repeated readings and creating a box of "I Can Read" books. Today's program will focus on one syllable words using the r-controlled vowel /ar/.	K-2
2/1/2022	12:10 PM	Living Maths	Math in the Real World: Science	Live from South Africa, join Mr. S as we explore Math in the Real World. Science cannot succeed without the logic of math, the calculations in math to test a hypothesis, and the validity of math to prove the results. Science and math are siblings. Find out why.	4-6
2/1/2022	11:10 AM	Memphis Zoo	Discover China: Pandas	In advance of Chinese New Year celebrations, join us and experience China through the Memphis Zoo's immersive China exhibit. Discover the thought behind the building of the exhibit and most of all, enjoy meeting our pandas Ya Ya and Le Le! These bears spend a lot of time eating their favorite food, bamboo! We will find out just how they are able to eat one of the toughest plants in this virtual experience!	K-6
2/1/2022	1:10 PM	Memphis Zoo	Discover China: Pandas	In advance of Chinese New Year celebrations, join us and experience China through the Memphis Zoo's immersive China exhibit. Discover the thought behind the building of the exhibit and most of all, enjoy meeting our pandas Ya Ya and Le Le! These bears spend a lot of time eating their favorite food, bamboo! We will find out just how they are able to eat one of the toughest plants in this virtual experience!	K-6
2/2/2022	12:10 PM	Atlanta History Center	Fight for Your Rights	Do YOU have what it takes to be a Freedom Fighter? Travel back in time with us and find out! In the Fight for Your Rights, students will explore the Civil Rights era and connect it to social movements throughout history. First, our time-travel guides will take students back to the past where they will meet leaders of the Voting Rights movement of 1946 and the Atlanta Sit-in movement of 1960. Then, the real show begins with our LIVE recreation of the 1961 Freedom Rides. Students will have the ride of their lives, complete with historical performances, video footage, audio clips, and a discussion that will inspire the next generation of citizens to take action in their communities. You don't want to miss this groundbreaking educational experience, sure to engage, inspire, and inform!	6-12
2/2/2022	2:10 PM	Atlanta History Center	Fight for Your Rights	Do YOU have what it takes to be a Freedom Fighter? Travel back in time with us and find out! In the Fight for Your Rights, students will explore the Civil Rights era and connect it to social movements throughout history. First, our time-travel guides will take students back to the past where they will meet leaders of the Voting Rights movement of 1946 and the Atlanta Sit-in movement of 1960. Then, the real show begins with our LIVE recreation of the 1961 Freedom Rides. Students will have the ride of their lives, complete with historical performances, video footage, audio clips, and a discussion that will inspire the next generation of citizens to take action in their communities. You don't want to miss this groundbreaking educational experience, sure to engage, inspire, and inform!	6-12
2/2/2022	11:10 AM	Museum of Fine Arts Boston	Black Artists and Activism: Lauren Halsey & Helina Metaferia	Explore the work of two artists who hope to influence and imagine new futures for their communities and beyond. Lauren Halsey remixes signs and symbols inspired by her South Central Los Angeles neighborhood and juxtaposes them with works from the MFA's collection of Ancient Egyptian and Nubian art. Halsey sees her artworks as blueprints to imagine new futures, both local and global, that celebrate and protect Black life. Centering women of color as protagonists, Helina Metaferia mines oral histories and institutional archives of Black liberation ephemera to point toward ways in which activists—especially women of color—can profoundly influence the future, and always have.	6-12
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2/3/2022	12:10 PM	Museum of the Rockies	Dinosaur Eggs and Babies	Birds are dinosaurs and they are hard working parents! Birds care for their babies by providing food and protection so that they can grow strong enough to leave the nest, but what about their ancient dinosaur relatives? Dinosaur parental care was a real mystery until the discovery of Maiasaura nesting grounds in northern Montana. Join MOR Paleontology Field Professional Lee Hall for a trip to Montana's ancient dinosaur nursery where you will learn about dinosaur nests, eggs, and babies, and why Maiasaura really was the "good mother lizard!"	2-6
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2/3/2022	11:10 AM	North Carolina Museum of Natural Sciences	What is Bacterium?	We hear about bacteria all the time but what are they and where do they live? Why are some our friends and others make us sick. Through pictures, stained images, culture plates, and 3D models, learn what they look like, and why they are different from viruses and archaea.	4-12
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2/4/2022	11:10 AM	Reginald F. Lewis Museum	Harriet Tubman: Escape to Freedom	Maryland freedom fighter Harriet Tubman, an important figure to the Underground Railroad network, helped over 60 enslaved people escape to freedom. During the Civil War, she worked as a spy and nurse for the Union Army. See a compelling dramatic work performed by storyteller Janice the Griot about this heroine's life as Harriet reflects on family, freedom and courage.	2-5
2/4/2022	1:10 PM	Reginald F. Lewis Museum	Harriet Tubman: Escape to Freedom	Maryland freedom fighter Harriet Tubman, an important figure to the Underground Railroad network, helped over 60 enslaved people escape to freedom. During the Civil War, she worked as a spy and nurse for the Union Army. See a compelling dramatic work performed by storyteller Janice the Griot about this heroine's life as Harriet reflects on family, freedom and courage.	2-5
2/4/2022	12:10 PM	Texas State Aquarium	Creature Tales: Baby Alligator	As part of the Texas State Aquarium's Creature Tales series, today's animal-themed story is about a baby alligator. Read along, make observations, recall facts, and get an up-close look at a baby alligator.	PK, K-2
2/4/2022	2:10 PM	Texas State Aquarium	Creature Tales: Baby Alligator	As part of the Texas State Aquarium's Creature Tales series, today's animal-themed story is about a baby alligator. Read along, make observations, recall facts, and get an up-close look at a baby alligator.	PK, K-2
2/7/2022	12:10 PM	Mount Washington Observatory	The Power of Wind	Strategically located at the convergence of three major storm tracks, the summit of Mount Washington is battered year-round by some of the highest winds observed on Earth. In this program, we'll learn where wind comes from and how weather observers at the historic Mount Washington Observatory measure this invisible force. As a bonus, we'll watch the observers work and play in winds over one hundred miles per hour!	3-8
2/7/2022	11:10 AM	Smithsonian National Portrait Gallery	Voices of Civil Rights	In Voices of Civil Rights, students will learn about some of the major figures who struggled to obtain civil rights for disenfranchised or marginalized groups. They will listen to stories of social justice and analyze portraits of individuals who broke barriers—from key nineteenth-century reformers to modern leaders—and will likely be encouraged to consider how they, too, can become civically engaged. Accompanying the program is a post visit lesson plan and additional ideas for activities that allow the discussions to continue back in the classroom. Civil rights leaders who will be discussed include Wong Chin Foo, Dolores Huerta, and John Lewis.	6-12
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2/7/2022	1:10 PM	Virginia Museum of Contemporary Art	Shaping Memory: Expressions in Clay	In this exhibition, 6 artists explore the power of memory through clay sculptures inspired by formative moments in their own lives, inherited stories passed down through generations, meaningful objects, and significant historical events. In the process, they invite us to think about the uniqueness of every individual, elements such as race and regional identity that bind us to groups, and the universal human condition that we all share. Our tours use a selection of works from our current exhibitions to foster close observation, critical-thinking, and rich discussions that support learning standards through an inquiry-based approach	6-12
2/8/2022	12:10 PM	Maritime Museum of British Columbia	The Hudson's Bay Company and the Fur Trade	The Hudson's Bay Company is Canada's oldest national company. What were its powerful effects on First Nations? How did it play a key role in the development of Canada? Students will become curators and examine real otter and beaver pelts, a Hudson's Bay blanket, and other items important to the trade economy. Relations between First Nations, fur traders, and the HBC will also be included.	3-5
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2/8/2022	11:10 AM	Science Museum of Virginia	Radical Reactions	Discover chemistry at its coolest as we make fire and foam. Explore four types of chemical reactions to learn about acids and bases, and exothermic and endothermic reactions.	5-8
2/8/2022	1:10 PM	Science Museum of Virginia	Radical Reactions	Discover chemistry at its coolest as we make fire and foam. Explore four types of chemical reactions to learn about acids and bases, and exothermic and endothermic reactions.	5-8
2/9/2022	12:10 PM	Montana Natural History Center	Super Spiders: Feeding + Trivia Myth Busting	This program covers everything from spider anatomy and feeding habits to how they grow and defend themselves. We'll meet a wide range of spiders and dispel old and inaccurate spider myths.	1-5
2/9/2022	2:10 PM	Montana Natural History Center	Super Spiders: Feeding + Trivia Myth Busting	This program covers everything from spider anatomy and feeding habits to how they grow and defend themselves. We'll meet a wide range of spiders and dispel old and inaccurate spider myths.	1-5
2/9/2022	11:10 AM	The Slave Dwelling Project	Slavery Told Through the Preservation of Slave Dwellings	Join Joseph McGill & The Slave Dwelling Project whose mission it is to identify and assist property owners, government agencies, and organizations to preserve extant slave dwellings. The Slave Dwelling Project is actively preserving the history surrounding the daily life of slaves, as well as, the story of slavery.	5-9
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2/10/2022	11:10 AM	Chattanooga Zoo	Amazing Asia Tour	Join our educator to meet some amazing animals native to Asia! We will get to meet Snow Leopards & White Cheeked Gibbons. Do you think Red Pandas are adorable? Join us to see them snack on their favorite treat!	PK-K
2/10/2022	1:10 PM	Chattanooga Zoo	Amazing Asia Tour	Join our educator to meet some amazing animals native to Asia! We will get to meet Snow Leopards & White Cheeked Gibbons. Do you think Red Pandas are adorable? Join us to see them snack on their favorite treat!	PK-K
2/10/2022	12:10 PM	The Charleston Museum	Rocks, Minerals, and Life	Minerals are the building blocks of rocks. Learn how to identify rocks and minerals using magnets and the Mohs scale. Learn how rocks are formed and what we can learn about early habitats by studying rocks and fossils.	3-5
2/10/2022	2:10 PM	The Charleston Museum	Rocks, Minerals, and Life	Did you know that you use rocks every day? Explore our rock and mineral collections and learn how to test rocks to identify them. Explore specimens from our collection and learn about the rock cycle.	3-5
2/11/2022	2:10 PM	Astronomer Dr. Valerie Rapson	Searching for Life on Mars	Astronomers have sent many spacecrafts to Mars in search of water and life on the Red Planet. While we don't expect to find plants, animals, or aliens, it's possible that microscopic life in some form does exist on Mars. The Perseverance and Curiosity rovers have recently been hard at work searching for this life, and today we'll share their latest findings.	3-8

2/11/2022	11:10 AM	Living Maths	Puzzles, Problems, and Games: Statistics	Live from South Africa, join Mr. S, your mathemagics guide, on a wonderful journey of exploration and discovery using math as the vehicle. Problem solving, critical thinking, and creative thinking skills will be explored through a digital, interactive whiteboard. Put your thinking cap on and get ready for some fun. Today's focus is on statistics.	1-3
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2/14/2022	2:10 PM	California Academy of Sciences	Penguin Valentines	Our penguins hold a very special place in the hearts of our staff and visitors! Get to know what goes on in a day of the life of a penguin colony through a CAS penguin biologist.	PK, K-2
2/14/2022	10:10 AM	Greenville Zoo	Wooping in the Wildemess	Wooping in the Wildemess investigates the different ways animals could celebrate Valentine's Day! During this program, we will discuss dances, songs, and rituals of animals trying to impress their mates. We will also have up-close encounters with some of our education animal ambassadors.	6-12
2/14/2022	11:10 AM	Kenn Nesbitt's Poetry 4 Kids	Writing Valentine's Day Poems	A poem can make a perfect gift for Valentine's Day, and it doesn't have to be mushy. Celebrate this year by learning to write a poem for someone you care about on this special holiday.	3-5
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2/14/2022	12:10 PM	Royal Botanical Gardens	Chocolate: From Treasure to Treat	How much cacao is really in your chocolate bar? After discovering the ecology of cacao and its role in rainforest ecosystems, we'll explore how this tasty treat is harvested and processed since the time of the Mayans.	4-7
2/15/2022	11:10 AM	Author Natalie Rompella	Writers' Workshop: Editing	This workshop is intended to help students edit a completed draft. Students should come to the program with a piece to edit and tools for editing (a pen and/or a computer).	4-7
2/15/2022	2:10 PM	Dr Pepper Museum and Free Enterprise Institute	Business of Bubbles: Invent a Soda	Learn how a soft drink goes from an idea to fizzy drink from an educator at the Dr Pepper Museum & Free Enterprise Institute. They will share about early soda inventions, soda failures, and "beverage chemists."	3-5
2/15/2022	1:10 PM	NASCAR Hall of Fame	Race to the Start Line	It takes funding, engineering, and talented team members to get the race car to the start line each week. Students will explore the business of racing through marketing and sponsorships. Students will participate in a game-based challenge to answer questions to earn funds to build and race their car. But, there may be changes to rules along the way that can impact the student's success. This program provides an opportunity for STEM to meet business.	6-8
2/15/2022	12:10 PM	North Carolina Aquarium on Roanoke Island	Got Fur? River Otters	Got Fur? Meet us at our river otter display to learn about otters and other mammals. Check out a variety of skulls and furs to learn how you can decode a mamma's life and lifestyle. See what it takes to keep our otters happy and healthy while watching them explore their habitat.	PK, K-3
2/16/2022	12:10 PM	Author Debi Novotny	Phonics (Sprinkled with Magic): Words that end in [-ow] that sound like long vowel 'o'	My Magic Hat Rules! is a phonological awareness lesson based book written to help students learn how to take words apart and sound out words, especially those in word families. (flow, grow, low, know, below) Each new word is pulled from the Magic Hat, while experienced teacher and author, Debi Novotny, encourages participation by modeling how to sound out, read, and write each new word! This story also offers a predictable rhyming pattern that boosts the confidence of even the most reluctant reader. Come along and enjoy the magic of reading with Debi, Magic Hat, Magic Wand, and Puppet Rhyming Rabbit!	PK, K-2
2/16/2022	2:10 PM	Dr Pepper Museum and Free Enterprise Institute	Business of Bubbles: Make a Soda	Learn how a soda is produced and brought to stores from an educator at the Dr Pepper Museum & Free Enterprise Institute. They will share about how Dr Pepper was produced at the Dr Pepper Factory, its history, and how it is produced today, as well as how transportation has changed over time.	3-5
2/16/2022	11:10 AM	Fizzics Education	Chemistry Show	Live from Australia, see bubbling dry ice, color changing chemical reactions, glow in the dark pigments, elephants toothpaste, stringy slimes, different colored flames, and more! This program is designed to cover a broad range of chemical concepts: kitchen chemistry found at home, physical changes vs. chemical reactions, acids vs bases and indicators to detect them, acid rain, the chemistry of fireworks, properties of solids, liquids, gases, UV light, and glowing chemicals.	3-7
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2/17/2022	12:10 PM	North Carolina Aquarium at Pine Knoll Shores	Awesome Adaptations	Did you know that some snakes have adapted to live most of their life in the water, that owls can turn their head almost all the way around, and that some salamanders can regrow their limbs? Meet our salamander, snake, and owl animal ambassadors and learn more about their awesome adaptations	3-5
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2/17/2022	11:10 AM	The American Civil War Museum	Seizing Freedom	What does it mean to be free? Explore people whose lives were defined not by their enslavement or freedom, but by their resilience in the face of overwhelming oppression. While famous African Americans like Frederick Douglass and Harriet Tubman led the movement to end slavery, countless others seized freedom for themselves during the Civil War. Encounter the stories of African Americans—both enslaved and free—who embarked on a journey to freedom or worked in other ways to end slavery during an incredibly dangerous time in American history.	6-12
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2/18/2022	2:10 PM	Dr Pepper Museum and Free Enterprise Institute	Business of Bubbles: Sell a Soda	Learn how a soda is advertised and marketed from an educator at the Dr Pepper Museum & Free Enterprise Institute. They will share about how Dr Pepper advertising changed throughout history and how to "read" an advertisement.	3-5
2/18/2022	11:10 AM	Ford's Theatre	Exploring Lincoln in Washington	Ford's Theatre and The National Mall and Memorial Parks explore what Washington, D.C. was like for President Lincoln and how the city has grown and changed over time. Examine places that mattered to Lincoln during his lifetime and places where he matters to us today, including the U.S. Capitol, Washington Monument, Lincoln Memorial, and Ford's Theatre. In this interactive program, participants will look closely at historic and contemporary images of Washington D.C. including maps, photographs, and illustrations.	5-8

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2/18/2022	11:30 AM	International Music Foundation	Quintet Attacca	Quintet Idol brings the instruments of the wind quintet to school-age children and brings them to life! Each instrument will perform a selection that features its most interesting qualities. The music featured includes Libertango (flute), Klezmer Music (clarinet), Tombeau de Couperin (oboe), Maslanka's Quintet no. 3 (horn), and Sorcerer's Apprentice (bassoon). The program will introduce students to the basics and the highlights of each instrument so they are ready to pick their favorite at the Quintet Idol competition!	K-4
2/18/2022	12:10 PM	Smithsonian National Portrait Gallery	America's Presidents	How has presidential portraiture changed since the days of George Washington? The National Portrait Gallery is proud to hold the only complete collection of presidential portraits outside of the White House. This program introduces students to the "America's Presidents" exhibition and investigates the diverse ways in which presidents have been portrayed in portraiture over the past two centuries.	6-12
2/22/2022	11:10 AM	Author Brianna DuMont	Humorous History: George Washington Wore What?	George Washington is the most famous American for good reason. So, why do we mostly know only about the mistruths? First, we'll dress up as Washington with all the myths surrounding him, such as a white wig and wooden teeth. As I take off pieces of his myths, we'll learn the truth. Next, we will find out who was responsible for the lies and why this happened by looking at the time period the lies were told. Finally, I will discuss how to identify lies in our own research for school papers, just like a real historian. This program is derived from Brianna's book Famous Phonies: Legends, Fakes, and Frauds Who Changed History, which is available in paperback.	4-6
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2/22/2022	12:10 PM	CodeJoy	Robot Memories with micro:bit	While Elby is visiting his grandma Dottie during a terrible storm and resulting power outage, her memory files become corrupted. Together, we need to find them and bring them back to life with color and movement. CodeJoy participants will learn the basics of coding tri-LEDs and motors. A computer or Chromebook is required for you to interact with our in-studio robots.	4-8
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2/23/2022	11:10 AM	Astronomer Dr. Valerie Rapson	Searching for Life on Mars	Astronomers have sent many spacecrafts to Mars in search of water and life on the Red Planet. While we don't expect to find plants, animals, or aliens, it's possible that microscopic life in some form does exist on Mars. The Perseverance and Curiosity rovers have recently been hard at work searching for this life, and today we'll share their latest findings.	3-8
2/23/2022	2:10 PM	History San José	Early to Rise: Life in the Late 1800s	When did a kid's day begin in the late-1800s? Students have the chance to virtually wash clothes, milk a cow, and practice cursive handwriting during their schoolhouse lesson. History San José guides students through a vivid experience so they can make comparisons between the lives of children 100 years ago and their own lives today. Focus question: How did children live, work, and play during the late-19th century?	2-4
2/23/2022	12:10 PM	North Carolina Aquarium on Roanoke Island	Got Fur? River Otters	Got Fur? Meet us at our river otter display to learn about otters and other mammals. Check out a variety of skulls and furs to learn how you can decode a mammal's life and lifestyle. See what it takes to keep our otters happy and healthy while watching them explore their habitat.	PK, K-3
2/24/2022	12:10 PM	Ocean Wise	Global Solutions: Climate Change Resilience	There is a new hope emerging as scientists discover that many of our recovery efforts on marine life are working! How can we continue this wave of positive change in this era of a changing climate? Join an Ocean Wise educator to discuss simple ways for you to help our oceans recover.	4-7
2/24/2022	2:10 PM	Ocean Wise	Global Solutions: Climate Change Resilience	There is a new hope emerging as scientists discover that many of our recovery efforts on marine life are working! How can we continue this wave of positive change in this era of a changing climate? Join an Ocean Wise educator to discuss simple ways for you to help our oceans recover.	7-12
2/24/2022	11:10 AM	Science Museum of Virginia	Forces of Flight Challenge	In this program, you will work collaboratively to imagine, plan, create, test, and improve upon solutions to design challenges. The focus will be on flight and we'll explore the four forces of flight and discover the fun of scientific investigation while designing and testing your own paper airplane. Is yours better than our educator's? Please note the list of common materials you will need to have ready. Students should have 8.5 x 11 piece of paper or the materials posted with this program.	2-4
2/24/2022	1:10 PM	Science Museum of Virginia	Forces of Flight Challenge	In this program, you will work collaboratively to imagine, plan, create, test, and improve upon solutions to design challenges. The focus will be on flight and we'll explore the four forces of flight and discover the fun of scientific investigation while designing and testing your own paper airplane. Is yours better than our educator's? Please note the list of common materials you will need to have ready. Students should have 8.5 x 11 piece of paper or the materials posted with this program.	5-7
2/25/2022	2:10 PM	Literacy Chef	Fun with Phonics	This interactive phonics program uses the Whole-Part-Whole approach to teaching phonics. With rhyming poems and fun cloze stories, students learn how to read, speak, write, and use words containing a specific word family. After repeated readings and use of context clues, students finish each lesson with a foldable book that they have become the authors and illustrators of. The controlled vocabulary in these mini-books are perfect for building fluency through repeated readings and creating a box of "I Can Read" books. Today's program will focus on one syllable words using the /ay/ spelling pattern/word family.	K-2

2/25/2022	11:10 AM	North Carolina Zoo	Saving Polar Bears	Every year, International Polar Bear Day is celebrated on February 27th. It is designed to raise awareness of about the conservation status of the polar Bear. Today, our friends at the North Carolina Zoo will show us how polar bears are perfectly adapted to their environment which makes them highly susceptible to climate change. Discover adaptations of polar bears, how climate change is effecting them, and what you can do to protect their habitat.	6-8
2/25/2022	1:10 PM	North Carolina Zoo	Saving Polar Bears	Every year, International Polar Bear Day is celebrated on February 27th. It is designed to raise awareness of about the conservation status of the polar Bear. Today, our friends at the North Carolina Zoo will show us how polar bears are perfectly adapted to their environment which makes them highly susceptible to climate change. Discover adaptations of polar bears, how climate change is effecting them, and what you can do to protect their habitat.	6-8
2/25/2022	12:10 PM	Royal BC Museum	Black History in BC	Black "British Columbian" experience has long been whitewashed in the records of colonial history. From Black pioneers, teachers, soldiers, porters who worked the trans-Canadian railway, and activists who line our streets in protests, Black activism, labour and prosperity have been central to BC's history. Our history is neither simple nor stagnant. Using the exhibition Hope Meets Action: Echoes Through the Black Continuum as a backdrop, learn about the dynamic and diverse stories from and about the BC Black community, past and present.	8-12
2/28/2022	11:10 AM	MarineLab	Life on the Rock: Thinking Like a Scientist	Individual micro and macro invertebrates from a community that live on live rocks found in Key Largo inshore waters will be displayed. With guidance from the MarineLab instructor, students practice the art of close scientific observation and using these observations to ask questions, make connections and develop explanations. Plenty of time will be allotted for close viewing of the entire live rock community (i.e. brittle stars, amphipods, snails, crabs, isopods, sea spiders, sponges, etc.)	3-8
2/28/2022	1:10 PM	MarineLab	Life on the Rock: Thinking Like a Scientist	Individual micro and macro invertebrates from a community that live on live rocks found in Key Largo inshore waters will be displayed. With guidance from the MarineLab instructor, students practice the art of close scientific observation and using these observations to ask questions, make connections and develop explanations. Plenty of time will be allotted for close viewing of the entire live rock community (i.e. brittle stars, amphipods, snails, crabs, isopods, sea spiders, sponges, etc.)	3-8
2/28/2022	12:10 PM	Plymouth Patuxet Museums	Colonial First Families	Meet a 17th-century pilgrim and learn about their new life in a world unknown to them. Our museum teacher will portray an actual resident of 17th-century Plymouth Colony, speaking with the regional dialect and wearing period-appropriate clothing. Using reproduction artifacts and the narrative throughlines of risk, transformation, and community, your visitor will share stories about the difficult decision to leave home, the Mayflower's transatlantic journey, the first winter and spring in Plymouth, and the harvest feast we know today as the First Thanksgiving.	6-8
2/28/2022	2:10 PM	Plymouth Patuxet Museums	Colonial First Families	Meet a 17th-century pilgrim and learn about their new life in a world unknown to them. Our museum teacher will portray an actual resident of 17th-century Plymouth Colony, speaking with the regional dialect and wearing period-appropriate clothing. Using reproduction artifacts and the narrative throughlines of risk, transformation, and community, your visitor will share stories about the difficult decision to leave home, the Mayflower's transatlantic journey, the first winter and spring in Plymouth, and the harvest feast we know today as the First Thanksgiving.	6-8
3/1/2022	11:10 AM	Chicago Cultural Center	Kerry James Marshall: Rushmore	Check out the other Rushmore! World renowned African American artist, Kerry James Marshall created this epic 132 by 100-foot mural, titled Rushmore for the exterior of the Chicago Cultural Center. The mural, honors 20 women who have shaped the cultural landscape of Chicago. Link to a diagram that introduces students to some amazing women from Gwendolyn Brooks to Oprah Winfrey and many more.	4-7
3/1/2022	2:10 PM	Chicago Cultural Center	Kerry James Marshall: Rushmore	Check out the other Rushmore! World renowned African American artist, Kerry James Marshall created this epic 132 by 100-foot mural, titled Rushmore for the exterior of the Chicago Cultural Center. The mural, honors 20 women who have shaped the cultural landscape of Chicago. Link to a diagram that introduces students to some amazing women from Gwendolyn Brooks to Oprah Winfrey and many more.	6-12
3/1/2022	1:30 PM	Crossing Borders	Stories and Music of Resilience	Crossing Borders Music celebrates musical stories of resilience in a performance of string quartet music by composers from around the world. This unique string quartet program features music by composers from Uganda, Argentina, the Soviet Union, the Chickasaw Nation, Iran, Taiwan, and the US. Each piece shares a unique story of resilience, whether in the face of personal loss, political oppression, or other people's incorrect assumptions!	K-3
3/1/2022	12:10 PM	The Charleston Museum	Tomb Travelers	Learn how Ancient Egyptians adapted to live along the Nile River and compare your day to one of an Egyptian of the New Kingdom. Explore our early collections which include a mummy, scribes pallet, mummified cat statue, and more.	3-6
3/2/2022	2:10 PM	Author Jamilah Thompkins-Bigelow	Author Talk and Read Aloud: Your Name is a Song	Author Jamilah Thompkins-Bigelow will talk briefly about her inspiration for Your Name is a Song and then perform a dramatic read-aloud of the book. Your Name is a Song is a celebration to remind all of us about the beauty, history, and magic behind names, features a Muslim family, and teaches the significance of honoring every individual's cultural identity.	K-5
3/2/2022	11:10 AM	Kenn Nesbitt's Poetry 4 Kids	Legends of Poetry: Dr. Seuss	On the birthday of the most well-known American children's author, you'll learn all about who Dr. Seuss was and how he changed children's books forever.	PK, K-4
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3/2/2022	10:30 AM	MFA Boston	Test		
3/3/2022	2:10 PM	Atlanta History Center	The Civil War	What was life like during the Civil War for soldiers and civilians? What were the causes of the Civil War? Experience what was needed to survive and what life was like as a Civil War soldier using reproduced artifacts like minié bullets, uniforms, and hardtack.	3-5
3/3/2022	11:10 AM	Museum of Fine Arts Boston	Ancient Objects: Spotlight on Conservation	Connect with a museum conservator to explore the intersection of art and science by seeing the processes and treatments behind conserving ancient objects at the MFA.	6-12
3/3/2022	1:10 PM	Museum of Fine Arts Boston	Ancient Objects: Spotlight on Conservation	Connect with a museum conservator to explore the intersection of art and science by seeing the processes and treatments behind conserving ancient objects at the MFA.	6-12
3/3/2022	12:10 PM	The Gibbes Museum of Art	Fighters for Freedom	Come explore the newest exhibition at the Gibbes Museum of Art Fighters for Freedom: William H. Johnson Picturing Johnson. While some of these figures highlight well-known historical freedom fighters like Harriet Tubman and Abraham Lincoln, Johnson includes portraits of lesser-known heroes as well. This exhibition, highlighting this incredible body of work by the South Carolina native artist, was organized by the Smithsonian American Art Museum with generous support from Art Bridges, Faye and Robert Davidson, and the Jacob and Gwendolyn Lawrence Foundation.	5-12

3/4/2022	11:10 AM	Eric Carle Museum of Picture Book Art	Eric Carle Makes a Book	Celebrate the art and stories of Eric Carle with The Eric Carle Museum of Picture Book Art! Hear from a Carle educator about the museum. Then, we will take you behind the scenes to discover how Eric Carle transforms ideas, words, and pictures to create the books we love!	PK, K-2
3/4/2022	1:10 PM	Eric Carle Museum of Picture Book Art	Eric Carle Makes a Book	Celebrate the art and stories of Eric Carle with The Eric Carle Museum of Picture Book Art! Hear from a Carle educator about the museum. Then, we will take you behind the scenes to discover how Eric Carle transforms ideas, words, and pictures to create the books we love!	PK, K-2
3/4/2022	12:10 PM	Nikkei National Museum	Broken Promises	What promises does a government make to its citizens? On March 4, 1942, the Canadian Government issued order 1665, which forced the internment of over 22,000 Japanese Canadians, which comprised over 90% of the Japanese Canadian population. Japanese Canadians felt betrayed when their government forced them to leave their homes, then sold their homes and possessions without permission. Follow their stories through this turbulent period and learn how and why the Canadian government broke its promise to its Japanese Canadian citizens. https://centre.nikkeiplace.org/exhibits/broken-promises/	4-7
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3/7/2022	12:10 PM	Museum of Health Care at Kingston	Tooth Talk with a Dentist	How many times did you brush today? How many times did you floss? Have you ever wanted to be the one asking a dentist these questions? Today, you will meet a dentist and find out what it's like taking care of teeth for a living.	K-4
3/7/2022	11:10 AM	North Carolina Aquarium at Pine Knoll Shores	What if You Had Animal Teeth	The animal kingdom has lots of cool teeth. If you could have any animal's front teeth, which animal would you choose? Would it be a shark's, with their multiple rows of teeth, or would you choose a beaver, with their oversized orange front teeth? During this program, participants will explore the world of animal teeth and how some are very similar to ours.	3-5
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3/7/2022	10:10 AM	Victims of Communism Memorial Foundation	Ideologies and Methods of Societal Rule: Marxism	This program will discuss the originator of the theory Karl Marx, his writings, Marx's vision for society and government and define Marxism core ideological components and implementation.	9-12
3/7/2022	2:10 PM	Victims of Communism Memorial Foundation	Ideologies and Methods of Societal Rule: Marxism	This program will discuss the originator of the theory Karl Marx, his writings, Marx's vision for society and government and define Marxism core ideological components and implementation.	9-12
3/8/2022	2:10 PM	Northwest Trek Wildlife Park	Hunters and Hiders	Explore the difference between predators and prey, how they are adapted to survive, and the important balance between these two roles in our ecosystem. Watch videos of some of Northwest Trek's predators and prey as you learn about their roles and try out some of your own adaptations to see if you are born to hunt or hide! This program includes a naturalist introduction and brief overview of Northwest Trek, recorded observations of predator and a prey species, and a discussion on why both predators and prey are important.	3-6
3/8/2022	12:10 PM	Northwest Trek Wildlife Park	Hunters and Hiders	Explore the difference between predators and prey, how they are adapted to survive, and the important balance between these two roles in our ecosystem. Watch videos of some of Northwest Trek's predators and prey as you learn about their roles and try out some of your own adaptations to see if you are born to hunt or hide! This program includes a naturalist introduction and brief overview of Northwest Trek, recorded observations of predator and a prey species, and a discussion on why both predators and prey are important.	3-6
3/8/2022	11:10 AM	Plymouth Patuxet Museums	People of the Dawn	Explore Wampanoag culture and traditions with Plymouth's contemporary Indigenous Museum educators. Learn about the daily life of the Wampanoag in the 17th century. In this program, students will explore the connection the Wampanoag and other Native People have to their seasonal way of life, their respect for all living beings, and the ways they continue to carry on their traditions today.	6-8
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3/9/2022	1:10 PM	Maritime Museum of British Columbia	Immigration to the West Coast of BC	Immigration involves many hardships as well as opportunities. From exploration and first contact, to settlement and global migration, the motivation for trade, prosperity, and freedom has sparked multiple waves of immigration. These journeys forever changed the lives of individuals, families, and communities, and built our nations as we know them today. Students will become museum detectives with a suitcase exploration activity, using archival materials and museum objects to delve into the experiences of immigrants and how immigration has built our societies.	4-6
3/9/2022	12:10 PM	Museum of the Rockies	The Rock Cycle	Rocks, rock! While rocks aren't living things (or even squishy, for that matter!), they still go through cycles – changing and morphing from one type to another over time. Learn about the three basic rock types with paleontologist Ashley Hall, and how sedimentary, igneous, and metamorphic rocks form and change through Earth's dynamic forces.	4-8
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3/10/2022	11:10 AM	Fizzics Education	All About Heat	Live from Australia; Let's turn up the heat. We explore how heat is propagated through a variety of materials, plus how we harness heat for our own use. Investigate heat conductivity in a variety of materials, including a space shuttle tile! Learn how heat can be created from other energy sources. Discover how temperature differences can make engines work. Learn how convection drives ocean currents and atmospheric processes. Look at chemical reactions; some release heat and others absorb heat... and more!	3-7

3/10/2022	1:10 PM	Fizzics Education	All About Heat	Live from Australia; Let's turn up the heat. We explore how heat is propagated through a variety of materials, plus how we harness heat for our own use. Investigate heat conductivity in a variety of materials, including a space shuttle tile! Learn how heat can be created from other energy sources. Discover how temperature differences can make engines work. Learn how convection drives ocean currents and atmospheric processes. Look at chemical reactions; some release heat and others absorb heat... and more!	3-7
3/10/2022	12:10 PM	Ocean Wise	Global Solutions: The Sustainable, Slimy, Secret	How can seaweed solve some of Earth's most complex problems, such as Climate Change, plastic use, habitat destruction, and food shortages? Find out how this super-powered plant could be the answer.	4-7
3/10/2022	2:10 PM	Ocean Wise	Global Solutions: The Sustainable, Slimy, Secret	How can seaweed solve some of Earth's most complex problems, such as Climate Change, plastic use, habitat destruction, and food shortages? Find out how this super-powered plant could be the answer.	7-12
3/11/2022	2:10 PM	Literacy Chef	Fun with Phonics	This interactive phonics program uses the Whole-Part-Whole approach to teaching phonics. With rhyming poems and fun cloze stories, students learn how to read, speak, write, and use words containing a specific word family. After repeated readings and use of context clues, students finish each lesson with a foldable book that they have become the authors and illustrators of. The controlled vocabulary in these mini-books are perfect for building fluency through repeated readings and creating a box of "I Can Read" books. Today's program will focus on one syllable words containing the vowel team /ee/. Varied beginning and ending sounds using this vowel combination we included.	K-2
3/11/2022	11:10 AM	North Carolina 4-H Camps	Stories in the Stars	Have you ever wondered why & how there is a longest and shortest day of the year? And what is an Equinox anyway? In this interactive session, students will learn the science behind these annual events and then explore constellations they can see in the night sky at those times of year. They will explore the myths or stories behind specific constellations in the night sky and will work with their own cluster of stars to create a constellation and story to go with it. Print several copies of each of the lettered connect-the-dot worksheets from the file labeled '4-H Constellation Worksheet.' Each student should have one connect-the-dot worksheet on hand for the class; don't connect the dots in advance, instructions will be provided during the class.	3-7
3/11/2022	1:10 PM	North Carolina 4-H Camps	Stories in the Stars	Have you ever wondered why & how there is a longest and shortest day of the year? And what is an Equinox anyway? In this interactive session, students will learn the science behind these annual events and then explore constellations they can see in the night sky at those times of year. They will explore the myths or stories behind specific constellations in the night sky and will work with their own cluster of stars to create a constellation and story to go with it. Print several copies of each of the lettered connect-the-dot worksheets from the file labeled '4-H Constellation Worksheet.' Each student should have one connect-the-dot worksheet on hand for the class; don't connect the dots in advance, instructions will be provided during the class.	3-7
3/11/2022	12:10 PM	Science Museum of Virginia	Cow Eye Dissection	You won't believe your eyes! Watch an educator dissect a cow eye while explaining its different parts and functions. Can cows see color? Do our eyes change over time? Learn about the eye-brain system by comparing the difference between human eyes and cow eyes	5-12
3/14/2022	2:10 PM	Alaska SeaLife Center	Seabirds of Alaska	Explore North America's deepest diving seabird aviary at the Alaska SeaLife Center. Discover the adaptations of diving birds like puffins, murres, & guillemots.	PK, K-4
3/14/2022	11:10 AM	Living Maths	Puzzles, Problems and Games: Pi Day	Join us on a wonderful journey of exploration and discovery using math as the vehicle. Mr S, your mathemagics guide, will introduce you to math and how enjoyable it can be. Problem solving, critical thinking, and creative thinking skills will be explored. Put your thinking cap on and be prepared to join us on our exciting journey. Today's focus is on Pi.	1-3
3/14/2022	1:10 PM	Living Maths	Puzzles, Problems and Games: Pi Day	Join us on a wonderful journey of exploration and discovery using math as the vehicle. Mr S, your mathemagics guide, will introduce you to math and how enjoyable it can be. Problem solving, critical thinking, and creative thinking skills will be explored. Put your thinking cap on and be prepared to join us on our exciting journey. Today's focus is on Pi.	4-6
3/14/2022	12:10 PM	Royal BC Museum	Indigenous Governance	Join Leslie McGarry from the Kwakwaka'wakw – Kwagwiltz First Nation at the Royal BC Museum. Explore governance, self-government, treaty and social issues as represented in the First Peoples gallery. Discover the impact of discriminatory laws, such as the potlatch ban, and see the resilience of First Peoples. We will start by looking at an example of a house of ceremony and governance. Leslie will share the diverse pre-contact governance structure of the Indigenous people from the interior and the coast of BC. We will then see how post-contact discriminatory laws, such as the potlatch ban, were created to assimilate Indigenous peoples and dismantle the governing structure. Leslie will discuss the resilience of First Peoples and how communities, such as the Nisga'a peoples, work towards self-governance.	6-10
3/15/2022	12:10 PM	History San José	Westward Ho!	During the mid-1800s, many American settlers moved West in covered wagons. History San José offers students the opportunity to travel as part of an American caravan from Independence, MO to Sacramento, CA. Students will visually analyze photographs and paintings to determine the environmental dynamics settlers faced across the terrain and inspect artifacts settlers carried over the course of their 1,700-mile journey. By the end of the presentation, students will understand the motivating factors that led people to trek overland and recognize the challenges American settlers faced when traveling westward to California. Focus question: What challenges did American settlers face when traveling overland during the mid-1800s?	3-6
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3/15/2022	11:10 AM	Kenn Nesbitt's Poetry 4 Kids	How to Write Spring Poems	Spring is here at last with flowers, budding leaves, and new life everywhere. Celebrate the return of spring by learning to write poems about this special season.	3-6
3/15/2022	1:10 PM	Kenn Nesbitt's Poetry 4 Kids	How to Write Spring Poems	Spring is here at last with flowers, budding leaves, and new life everywhere. Celebrate the return of spring by learning to write poems about this special season.	3-6

3/16/2022	12:10 PM	Author Debi Novotny	Phonics (Sprinkled with Magic): Words that end in [-y] that sound like long vowel 'i'	My Magic Hat Rules! is a phonological awareness lesson based book written to help students learn how to take words apart and sound out words, especially those in word families. (spy, my, try, cry, fry) Each new word is pulled from the Magic Hat, while experienced teacher and author, Debi Novotny, encourages participation by modeling how to sound out, read, and write each new word! This story also offers a predictable rhyming pattern that boosts the confidence of even the most reluctant reader. Come along and enjoy the magic of reading with Debi, Magic Hat, Magic Wand, and Puppet Rhyming Rabbit!	PK, K-2
3/16/2022	11:10 AM	MarineLab	Slow Racer: Plankton Morphology	MarineLab Instructors will connect with students live from our MarineLab facility. Prior to the program, instructors will tow for plankton in the ocean waters adjacent to our campus. Plankton will be discussed, the sample will be broadcasted, and students will discover and make sense of shared characteristics amongst the plankton community. With the understanding gained from viewing live plankton, students will then predict which of our plankton models will win our slowest sinker race!	3-8
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3/16/2022	10:10 AM	Museum of Fine Arts Boston	Art of Ancient Greece and Rome: Gods and Goddesses	Learn why Ancient Greeks and Romans made gods appear human and visible through the visual arts. Through large-scale sculptures and intimate objects explore the gods' varied personalities and stories, and ancient religious practices and how myths helped the Ancient Greeks and Romans make sense of the world around them.	3-8
3/16/2022	2:10 PM	Museum of Fine Arts Boston	Art of Ancient Greece and Rome: Gods and Goddesses	Learn why Ancient Greeks and Romans made gods appear human and visible through the visual arts. Through large-scale sculptures and intimate objects explore the gods' varied personalities and stories, and ancient religious practices and how myths helped the Ancient Greeks and Romans make sense of the world around them.	3-8
3/17/2022	2:10 PM	Author Natalie Rompella	Writers' Workshop: Editing	This workshop is intended to help students edit a completed draft. Students should come to the program with a piece to edit and tools for editing (a pen and/or a computer).	4-7
3/17/2022	11:10 AM	Greenville Zoo	Very Verde	St. Patrick's Day is all about the green! Let's look at the world of green animals and discover the characteristics that make them so special!	K-5
3/17/2022	1:10 PM	Greenville Zoo	Very Verde	St. Patrick's Day is all about the green! Let's look at the world of green animals and discover the characteristics that make them so special!	K-5
3/17/2022	12:10 PM	Royal Botanical Gardens	Growing Something Green	Are you planning a garden this summer? Now is a good time to start planting an indoor seed garden. We will construct an origami paper plant pot, fill it with soil, and plant some seeds (radish, lettuce, or beans) discovering what exactly a plant needs to grow.	3-6
3/18/2022	11:10 AM	Astronomer Dr. Valerie Rapson	The Moon's Impact on Life on Earth	The Moon of Earth is not just a pretty sight in the sky- it actually has a strong affect on our planet. The Moon creates the tides on earth, regulates Earth's rotation rate, and may have helped with the emergence of life on Earth billions of years ago. In this lesson, we'll talk more about how the Moon affects the Earth, and what life might be like (if it's even possible) without our Moon.	3-8
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3/18/2022	11:30 AM	International Music Foundation	Axiom Brass Quintet	Let's Make Music is a multicultural, educational music program designed to expose students to the fascinating and diverse world of classical music. This concert is an exciting journey around the world, exploring different cultures through music. During the concert, Axiom will perform musical selections from England, USA, Argentina, France, and more. These compositions are carefully chosen to introduce students to different styles and elements of music, and every composition is paired with entertaining information about the composer, the style of the piece, and the unique characteristics of each brass instrument.	K-4
3/18/2022	12:10 PM	North Carolina Zoo	A Frog's Life	Frogs go through many changes during their life cycle. Come discover how the North Carolina Zoo provides some frogs a head start in surviving to adulthood.	2-5
3/18/2022	2:10 PM	North Carolina Zoo	A Frog's Life	Frogs go through many changes during their life cycle. Come discover how the North Carolina Zoo provides some frogs a head start in surviving to adulthood.	2-5
3/21/2022	1:10 PM	Atlanta History Center	The Civil War	What was life like during the Civil War for soldiers and civilians? What were the causes of the Civil War? Experience what was needed to survive and what life was like as a Civil War soldier using reproduced artifacts like minié bullets, uniforms, and hardtack.	3-5
3/21/2022	2:10 PM	Chicago Cultural Center	An Instrument in the Shape of a Woman	What is "An Instrument in the Shape of a Woman?" Meet three women with a shared interest in color and form whose artwork addresses that very question. While all are experienced artists, each one has embraced new tools and technologies to create paintings, drawings, and animations. Ask questions about their work on view at the Chicago Cultural Center thru Spring 2022.	6-12
3/21/2022	12:10 PM	Texas State Aquarium	Discovery Dive: Coral Reef	Join a SCUBA diver live from underwater at the Texas State Aquarium! Practice your fish identification skills, observe fish feeding, and learn about the adaptations of coral reef fish. As you see the diver's perspective with our underwater camera, ask them your questions live! During this program, you'll discover the skills we use every day to care for our animals and learn how you can help conserve coral reefs from your classroom.	PK, K-2
3/22/2022	12:10 PM	Living Maths	Math in the Real World: Food	Live from South Africa, join Mr. S as we explore Math in the Real World. Today, we will explore the math around food. Do you like cooking, baking, grilling and of course, eating? How much math is involved in making a great meal?	1-3
3/22/2022	1:10 PM	Manitoba Museum	Save the Lake! The Lake Winnipeg Watershed	The Lake Winnipeg watershed spans five Canadian provinces and four U.S. states, carrying water from as far away as the Rocky Mountains and the U.S. Midwest to Lake Winnipeg. Almost 7 million Canadians and Americans live in the watershed and can directly impact the quality of Lake Winnipeg. Lake Winnipeg has been named internationally as one of the most endangered lakes in the world and is on the verge of becoming a "dead" lake within a decade. In this virtual field trip, students explore how humans interact with the lake and the unintended consequences of those actions. Learn about the many things they can do to protect and restore Lake Winnipeg. Can your students be champions of change?	6-12
3/22/2022	2:10 PM	NASCAR Hall of Fame	Speed!	Reaching top speed for a race car is not always in the control of an individual team. Rules, regulations, and perimeters by NASCAR impact teams. Students will need to collaborate to isolate factors related to speed and variables of impact which demonstrate human impact and mechanical impact on the world of racing. Students need to create an isolated test of their analysis by building a car which can race on a banked track.	8-12

3/22/2022	11:10 AM	Putnam Museum and Science Center	Every Drop Counts	Water is needed to produce everything we use today, but how much water do we really use? Can we "reuse" water or how does a water filter keep our water clean? What are some of the pollutants in our watershed and what can we do to help? Celebrate World Water Day and learn to become aware of our local environment through these hands-on demonstrations of water activities.	3-5
3/23/2022	2:10 PM	Australian Environmental Education	Australian Marine Life	The southern waters around Australia are home to a variety of habitats including kelp beds and sponge gardens. These are wonderful places to dive and discover the diversity of animals that live there. I will share some of my favourite diving stories with you and highlight some of the amazing animals.	2-5
3/23/2022	11:10 AM	North Carolina Museum of Natural Sciences	Sticky Science	What makes sticky things stick in nature? Explore how bio-adhesives are produced and used by aquatic and terrestrial animals. Learn about cohesion and adhesion forces, electrostatic and intermolecular forces that make things stick.	5-12
3/23/2022	1:10 PM	North Carolina Museum of Natural Sciences	Sticky Science	What makes sticky things stick in nature? Explore how bio-adhesives are produced and used by aquatic and terrestrial animals. Learn about cohesion and adhesion forces, electrostatic and intermolecular forces that make things stick.	5-12
3/23/2022	12:10 PM	The Museum at Liberty Hall	Heroines of Liberty Hall	Explore women's history at the Museum at Liberty Hall! Liberty Hall was home to many generations of accomplished women: the ladies of the house as well as servants and enslaved women. Learn the stories of the women who called Liberty Hall home and how life changed for women from the 1780s through the 1940s. Using artifacts and reproductions, museum educators in period dress will guide students through a time travel adventure that focuses on how technology evolved and women's roles changed over time.	3-5
3/24/2022	11:10 AM	Planet Bee Foundation	Do The Waggle (Honey Bees)	How do bees communicate and what do they say to each other? In this lesson students explore the world of the forager honey bee as they learn about the role that the sun, angles, and distance play in honey bee communication.	K-2
3/24/2022	1:10 PM	Planet Bee Foundation	Do The Waggle (Honey Bees)	How do bees communicate and what do they say to each other? In this lesson students explore the world of the forager honey bee as they learn about the role that the sun, angles, and distance play in honey bee communication.	3-5
3/24/2022	12:10 PM	Smithsonian National Portrait Gallery	Portrait Detectives	Become a portrait detective! Young students will search for and analyze clues in portraits to learn about some of the most historically significant Americans. Participants will look closely at a wide range of portraits while comparing and contrasting works across the collection at the National Portrait Gallery.	PK, K-3
3/24/2022	2:10 PM	The Mammoth Site of Hot Springs, SD	Ice Age Adventure	Join a paleontologist as they guide us back in time 100,000 years to our location in Hot Springs, South Dakota. Together we will learn about the prehistoric ecosystems that existed during this time, including the animals and their behavioral traits. Lastly, we will explore an excavated sinkhole and learn how animals were trapped within.	3-6
3/25/2022	12:10 PM	Canadian Warplane Heritage Museum	Properties of Air and the Theory of Flight	A live lesson full of demonstrations and experiments on why the properties of air are essential in understanding how things fly. Starting from simple concepts that air occupies space and that air has weight, we systematically show the students that these two concepts have a great deal to do with the principles of flight. Aircraft in the museum are used to reinforce the concept of lift by showing the differences in shape between an upper wing surface and the lower wing surface. The principle of an airfoil is introduced at this time. We also take a nostalgic trip back in time to the days of Daniel Bernoulli, the noted 18th century mathematician and physicist. A series of demonstrations are presented to the students that show the concepts of lift and experiments that explain Bernoulli's principle. The forces of flight (lift, gravity, thrust, and drag) are shown and museum aircraft are viewed to show the principles of aerodynamics. Lastly the principles of roll, pitch and yaw are introduced to expand the concept of flight into the more complicated concept of controlling an aircraft as it is flying.	5-12
3/25/2022	2:10 PM	The Royal Tyrrell Museum of Palaeontology	Fossil Planet: Extinction	Fossil Planet is a special program offered by the Royal Tyrrell Distance Learning studio that takes our audience around the world to explore the history of life on earth. Species come and species go. It is part of the cycle of life on our planet. Why do some species go extinct while others remain for seemingly long periods? In this program, we will meet icons of extinction, like the mammoth, the dodo, and the Tasmanian tiger. Then, we will explore what the implications of their disappearance meant for the ecosystem.	4-9
3/25/2022	11:10 AM	USS Constitution Museum	Is the Sailor's Life for You?	Visit the USS Constitution in Boston MA, the oldest commissioned warship afloat in the world. In this field trip, you'll walk the decks of this historic ship with a US Navy sailor and learn about life at sea during the War of 1812 first-hand! From chores, to food, to sails and battle, this interactive field trip will keep your students engaged in games, polls and demos. This field trip aligns well with the book, The True Confessions of Charlotte Doyle, an historical novel by the American author Avi.	3-8
3/25/2022	1:10 PM	USS Constitution Museum	Is the Sailor's Life for You?	Visit the USS Constitution in Boston MA, the oldest commissioned warship afloat in the world. In this field trip, you'll walk the decks of this historic ship with a US Navy sailor and learn about life at sea during the War of 1812 first-hand! From chores, to food, to sails and battle, this interactive field trip will keep your students engaged in games, polls and demos. This field trip aligns well with the book, The True Confessions of Charlotte Doyle, an historical novel by the American author Avi.	3-8
3/28/2022	2:10 PM	Atlanta History Center	The Price of Freedom	Was the Civil War worth the cost to our nation? What were the causes and consequences of the Civil War? Students will be invited to think critically about these critical questions on our newly developed virtual tour: Price of Freedom. By the end of this virtual tour, students will have done more than study history; they will have participated in it. First, students will climb the stairs to an attic hideaway simulating Harriet Jacob's seven-year long imprisonment as she sought to free herself from the cruel grasp of the institution of slavery. The true price of freedom is explored as students witness the devastating realities of Jacobs' existence in hiding. Next, students will role-play as a Civil War soldier in Atlanta History Center's Turning Point exhibition and make realistic, vital decisions that could affect their character's life. Virtual simulations and performances bring history to life as students are transported back to 1861. To wrap the tour, students will participate in an inquiry-based activity, examining primary sources to discover why the South seceded from the Union. Looking at detailed excerpts from Mississippi and South Carolina's Declarations of Secession, students will translate language from the 1860s to understand the Civil War's leading cause better.	4-9
3/28/2022	12:10 PM	North Carolina Museum of Natural Sciences	What Lives in the Pond	Explore the fresh water pond at Prairie Ridge Ecostation looking for signs of life. We will see how each environment meets the needs of the animals that live here.	K-1
3/28/2022	11:10 AM	Roper Mountain Science Center	Matter Mystery Squad	Roper Mountain's Matter Mystery Squad has been tasked with solving the mystery of the unknown animal. Participants will begin with a sorting activity introduction with their own objects and then will apply the same principles to animals that call Roper Mountain Science Center home in an attempt to solve a mystery.	K-2
3/28/2022	1:10 PM	Roper Mountain Science Center	Matter Mystery Squad	Roper Mountain's Matter Mystery Squad has been tasked with solving the mystery of the unknown animal. Participants will begin with a sorting activity introduction with their own objects and then will apply the same principles to animals that call Roper Mountain Science Center home in an attempt to solve a mystery.	K-2

3/29/2022	12:10 PM	CodeJoy	CodeJoy presents Rock-Paper-Scissors with micro.bit	Elby has entered the Rock-Paper-Scissor regional championship, and he's up against Mr. Hand, an aggressive and mean-spirited opponent known for cheating. Elby's odds of winning are... slim. You and the CodeJoy team will have to learn to code and outsmart Mr Hand to help Elby go the distance! CodeJoy participants will learn the basics of coding and explore the concept of probability and randomness. A computer or Chromebook is required for you to interact with our in-studio robots.	4-8
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3/29/2022	11:10 AM	Seacoast Science Center	What Makes a Whale, a Whale?	SSC has the largest collection of marine mammal skeletons in northern New England! In this program students will learn about the anatomy, migratory routes, and behavioral patterns of marine mammals. Students will look at the adaptations that make it possible for these animals to survive in the ocean and how some species have adapted to become the largest animals on our planet. Fantastic images and real whale bones make this program unforgettable.	K-5
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3/30/2022	12:10 PM	Museum of Health Care at Kingston	Talk to a Doctor	Doctors have one of the hardest and stressful jobs of all, yet so many of us know very little about what they do! Find out what it takes to work in the medical field from a real doctor, from day-to-day work to the most fantastic stories!	1-5
3/30/2022	2:10 PM	Museum of Health Care at Kingston	The Transformation of Doctor's Visit	This program will discuss and show the evolution of visiting a medical doctor, from the early days of home visit and do-it-all medical professionals of the past to the development of offices, hospitals, and specialists. What did early settlers do when they needed to get better? As always, we will present a lot of historical artifacts.	3-6
3/30/2022	11:10 AM	North Carolina Museum of Art	Power in Art	Drawing upon the rich collection of the NCMA, students will explore works of art from around the globe in which artists assert their own agency by creating a unique visual language and experimenting with materials, process, and placement within the composition.	6-12
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3/31/2022	12:10 PM	Ford's Theatre	Investigating the Lincoln Assassination with Detective McDevitt	Ford's Theatre, located in Washington, D.C., originally opened in August 1863 and is known for being the site of President Lincoln's assassination on April 14, 1865. Together with the Peterson House across the street, it is currently known as the Ford's Theatre National Historic Site and is administered by the National Park Service. Now 155 years later, join us as we investigate the Lincoln Assassination with Detective McDevitt. This live program uses primary source images and interaction with historical characters.	5-10
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3/31/2022	11:10 AM	Ocean Wise	Arctic Adventures	Welcome aboard! Grab your parka and caribou mitts as we embark on an icy, digital arctic journey. Gain knowledge through the stories shared by humans and animals that call this rapidly changing place home, and what actions we can take to keep the arctic chill.	K-4
3/31/2022	1:10 PM	Ocean Wise	Arctic Adventures	Welcome aboard! Grab your parka and caribou mitts as we embark on an icy, digital arctic journey. Gain knowledge through the stories shared by humans and animals that call this rapidly changing place home, and what actions we can take to keep the arctic chill.	4-7
4/1/2022	12:10 PM	History San José	Valley of Heart's Delight	During the second industrial revolution, the Santa Clara Valley became the major canned fruit producer in the country and earned the moniker Valley of Heart's Delight. History San José will guide students through a family farm and migrant farm worker house, teaching them about how food is grown, packaged, and shipped. Through interactive activities, students will learn how small family farmers used the latest technology and innovations to improve mass food production and create some of the most recognized canned fruit brands in the 21st century — Del Monte and SunSweet. Focus question: What innovations and technologies did farmers in California use during the Second Industrial Revolution to improve agricultural production?	3-6
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4/1/2022	11:10 AM	Putnam Museum and Science Center	Our Changing Planet	Why does our planet look the way it does? Discover what our Earth looked like millions of years ago and the forces working constantly to change our planet. They are rarely seen or felt but can sometimes make themselves known in explosive ways! In this program learn all about the tectonic plates built into Earth's crust and how they cause earthquakes, tsunamis, and volcanoes on the surface.	3-8
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4/4/2022	11:10 AM	Kenn Nesbitt's Poetry 4 Kids	Celebrating National Poetry Month	Kick off National Poetry Month with former Children's Poet Laureate, Kenn Nesbitt. You'll learn about the history of National Poetry Month and discover many ways to celebrate all month long.	2-5
4/4/2022	1:10 PM	Kenn Nesbitt's Poetry 4 Kids	Celebrating National Poetry Month	Kick off National Poetry Month with former Children's Poet Laureate, Kenn Nesbitt. You'll learn about the history of National Poetry Month and discover many ways to celebrate all month long.	2-5

4/4/2022	12:10 PM	Museum of Health Care at Kingston	From Madness to Mental Health	Historically, people who suffered from mental illness were defined as "mad." Today, we have a much better understanding of mental health. Join us to examine the history of mental illness, the treatments, and ways that you can help today. Everyone can learn something from understanding a bit more of the past!	6-9
4/4/2022	2:10 PM	Sustainable Forestry Initiative	Nature of Fire	How can fire fuel a forest's evolution and overall condition? Learn about natural patterns of change that take place over time in a forest ecosystem and explore applying these learnings to other biomes.	6-8
4/5/2022	11:10 AM	Chattanooga Zoo	Excellent Ecosystem	Students participate in an activity that highlights the carrying capacity of an ecosystem and the intertwined relationships within - symbiotic, predator/prey, and human impact.	6-12
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4/5/2022	12:10 PM	North Carolina Maritime Museum at Southport	A Pirate's Life for Me!	Arr matey! Learn all about pirates; who they were, what they sought, and what if they were caught. Then, we will discuss the difference between a pirate and a privateer.	3-5
4/5/2022	2:10 PM	Plimoth Patuxet Museums	People of the Dawn	Explore Wampanoag culture and traditions with Plimoth's contemporary Indigenous Museum educators. Learn about the daily life of the Wampanoag in the 17th century. In this program, students will explore the connection the Wampanoag and other Native People have to their seasonal way of life, their respect for all living beings, and the ways they continue to carry on their traditions today.	6-8
4/6/2022	12:10 PM	Author Debi Novotny	Phonics (Sprinkled with Magic) Words that end in [-y] that sound like long vowel 'e'	My Magic Hat Rules! is a phonological awareness lesson based book written to help students learn how to take words apart and sound out words, especially those in word families (funny, sunny, runny, bunny, tummy). Each new word is pulled from the Magic Hat, while experienced teacher and author, Debi Novotny, encourages participation by modeling how to sound out, read, and write each new word! This story also offers a predictable rhyming pattern that boosts the confidence of even the most reluctant reader. Come along and enjoy the magic of reading with Debi, Magic Hat, Magic Wand, and Puppet Rhyming Rabbit!	PK, K-2
4/6/2022	11:10 AM	Museum of Fine Arts Boston	Art of the Americas: Translating American Stories	Learn how objects in the museum, such as Paul Revere's "The Sons of Liberty Bowl," can tell stories from multiple points of view. Hear from a range of voices about how art in the Americas emerges from long histories of slavery, immigration, trade, and cross-cultural communications.	3-8
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4/7/2022	11:10 AM	Dr Pepper Museum and Free Enterprise Institute	Liquid Laboratory: Nucleation Detonation	Explore the science of soda pop from our Liquid Laboratory. Today's session will investigate the bubbliest ingredient in soda: carbon dioxide.	1-4
4/7/2022	1:10 PM	Dr Pepper Museum and Free Enterprise Institute	Liquid Laboratory: Nucleation Detonation	Explore the science of soda pop from our Liquid Laboratory. Today's session will investigate the bubbliest ingredient in soda: carbon dioxide.	1-4
4/7/2022	12:10 PM	North Carolina Aquarium at Pine Knoll Shores	Turtle Snack	Good nutrition is one of the keys to a healthy life and like us, a well-balanced diet is just as important for our animal ambassadors. During this program we will take a closer look at how important good nutrition and a healthy diet is to the lives of our turtle ambassadors. Participants will get to watch our scaly friends enjoy a tasty snack.	K-2
4/7/2022	10:10 AM	Victims of Communism Memorial Foundation	Ideologies and Methods of Rule: Leninism	This program will discuss Vladimir Lenin, his ideology, writings and vision for society and government. The program will also explore Lenin as the leader of the Russian revolution and the Bolsheviks.	9-12
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4/8/2022	2:10 PM	Astronomer Dr. Valerie Rapson	Constellations in the Spring Night Sky	The spring night sky brings warmer weather and the constellation of Leo the lion roaring in the Southern Sky. The Big Dipper is overhead in the north, pointing down to the Polaris on the end of the Little Dipper's handle. Join us as we learn how to find the North Star and explore the science and history behind objects in the spring night sky.	4-8
4/8/2022	11:10 AM	Living Maths	Puzzles, Problems, and Games: Patterns	Live from South Africa, join Mr. S, your mathemagics guide, on a wonderful journey of exploration and discovery using math as the vehicle. Problem solving, critical thinking, and creative thinking skills will be explored through a digital, interactive whiteboard. Put your thinking cap on and get ready for some fun. Today's focus is on patterns.	1-3
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4/8/2022	12:10 PM	The Museum at Liberty Hall	Heroines of Liberty Hall	Explore women's history at the Museum at Liberty Hall! Liberty Hall was home to many generations of accomplished women: the ladies of the house as well as servants and enslaved women. Learn the stories of the women who called Liberty Hall home and how life changed for women from the 1780s through the 1940s. Using artifacts and reproductions, museum educators in period dress will guide students through a time travel adventure that focuses on how technology evolved and women's roles changed over time.	3-5
4/11/2022	11:10 AM	Author Jonathan Miller	Sammy the Wonder Dachshund	Jonathan Miller, author and illustrator of children's book series The Adventures of Sammy the Wonder Dachshund, guides students through the process of writing and illustrating a story. His fun and informative presentation shows real-life implementation of forming an idea, brainstorming, writing a rough draft, revising and editing, and publishing a book. Incorporating a wide range of topics for students to take back to their writing, classrooms, and lives, Mr. Miller also discusses how books are made, what it is like to be an author as a career, and the business aspects of book publishing. His goal is for students to see the importance of becoming the best writers they can be! Get ready to laugh as Mr. Miller also reads one of his books and answers questions from students and teachers. The program will include a live art demonstration.	2-5

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4/11/2022	12:10 PM	The Charleston Museum	Fossil Frenzy	Learn about creatures that used to roam prehistoric Charleston such as the giant false-toothed bird and giant ground sloth. Study fossils to learn about the diet, size, and habitat of early creatures.	3-5
4/11/2022	2:10 PM	Virginia War Memorial	Examining the Gettysburg Address	Join VWM Education Director Jim Triesler as he talks about the meaning of the Gettysburg Address, a speech delivered by President Abraham Lincoln at the dedication of the Soldiers' National Cemetery in Gettysburg, PA. Learn about the context of this famous speech, and why it is so important in understanding American history.	6-12
4/12/2022	11:10 AM	Astronomer Dr. Valerie Rapson	Constellations in the Spring Night Sky	The spring night sky brings warmer weather and the constellation of Leo the lion roaring in the Southern Sky. The Big Dipper is overhead in the north, pointing down to the Polaris on the end of the Little Dipper's handle. Join us as we learn how to find the North Star and explore the science and history behind objects in the spring night sky	4-8
4/12/2022	1:10 PM	Maritime Museum of British Columbia	Immigration to the West Coast of BC	Immigration involves many hardships as well as opportunities. From exploration and first contact, to settlement and global migration, the motivation for trade, prosperity, and freedom has sparked multiple waves of immigration. These journeys forever changed the lives of individuals, families, and communities, and built our nations as we know them today. Students will become museum detectives with a suitcase exploration activity, using archival materials and museum objects to delve into the experiences of immigrants and how immigration has built our societies.	4-6
4/12/2022	12:10 PM	Montana Natural History Center	Creative Creatures	What would a bug look like if it were perfectly adapted to camouflage in your backyard? In this fun and creative program, students will practice their observation skills on bugs from around the world that are experts in the art of camouflage and then discuss how these traits help them to survive. The adventure wraps up with a chance to design a brand new species of insect, using leaves and other natural elements from around your school or yard.	2-5
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4/13/2022	12:10 PM	Author Kelly Milner and the Wonders of Weird	Titanic: Why did the Unsinkable Ship Sink?	When the RMS Titanic left Southampton, England on her maiden voyage on April 12, 1912, she was supposed to dock in New York City, USA just under six days later. But four days into her first crossing of the Northern Atlantic Ocean, Titanic, the unsinkable ship collided with a massive iceberg and sank two hours later. How did it happen? Why did it happen? How close was the Hollywood blockbuster movie to the Titanic truth? This presentation will answer these questions and more!	3-6
4/13/2022	2:10 PM	Plymouth Patuxet Museums	Colonial First Families	Meet a 17th-century pilgrim and learn about their new life in a world unknown to them. Our museum teacher will portray an actual resident of 17th-century Plymouth Colony, speaking with the regional dialect and wearing period-appropriate clothing. Using reproduction artifacts and the narrative throughlines of risk, transformation, and community, your visitor will share stories about the difficult decision to leave home, the Mayflower's transatlantic journey, the first winter and spring in Plymouth, and the harvest feast we know today as the First Thanksgiving.	6-8
4/13/2022	11:10 AM	Sustainable Forestry Initiative	Trillions of Trees	Investigate the unique characteristics of different tree species and learn how best to plan, plant, and care for trees in your community.	3-5
4/13/2022	1:10 PM	Sustainable Forestry Initiative	Trillions of Trees	Investigate the unique characteristics of different tree species and learn how best to plan, plant, and care for trees in your community.	3-5
4/14/2022	2:10 PM	Literacy Chef	Author Read Aloud and Sequencing Lesson with Mama Bear's Magic	This program is designed to introduce primary students to the skill of retelling through story sequence using the book Mama Bear's Magic by Dana Gambardella. Students discuss events at the beginning, middle, and end of the story, and then sequence the events	K-2
4/14/2022	11:10 AM	North Carolina 4-H Camps	Sharks Teeth and Fossils	Eastern North Carolina is home to some of the most dense fossil soils around the U.S. In this session, students will learn where and how to find them as well as identify some of the many species that can be found. Students will explore different types of fossils with a deep dive on shark teeth. The session instructor will share his personal fossil collection to show and tell what he's found over the last ten years.	3-7
4/14/2022	1:10 PM	North Carolina 4-H Camps	Sharks Teeth and Fossils	Eastern North Carolina is home to some of the most dense fossil soils around the U.S. In this session, students will learn where and how to find them as well as identify some of the many species that can be found. Students will explore different types of fossils with a deep dive on shark teeth. The session instructor will share his personal fossil collection to show and tell what he's found over the last ten years.	3-7
4/14/2022	12:10 PM	Royal BC Museum	Home and Community	British Columbia is home to people from diverse cultures, backgrounds, and perspectives. From farms to cities, people have adapted and developed communities to best fit their needs and wants. The program begins with introductions to the Royal BC Museum. Then we'll focus on an understanding of community, home, and the differences between a need (i.e. food, shelter, safety and love) and a want (i.e. toys). Finally, we'll explore the different ways people meet their needs/wants through objects, images, and videos. Our objectives are to compare the differences between needs and wants, explore how the environment and people influence each other and recognize and appreciate the diverse communities within BC.	1-3
4/18/2022	12:10 PM	Lee County Mosquito Education	Mosquito-ed	Find out all the buzz behind the world's deadliest animal, the mosquito, in this scientific program. Students will learn about the stages of a mosquito life cycle as it goes through complete metamorphosis. Physical and behavioral adaptations that have helped this amazing insect survive for over 100 million years will also be covered. Join us on this interactive insect experience!	4-6
4/18/2022	2:10 PM	Lee County Mosquito Education	Exploring the Life of a Mosquito	The Mosquito Program is designed to introduce our youngest learners to life science through an entertaining science literature book about mosquitoes. This science-readiness lesson uses the characteristics of a mosquito to teach students about basic attributes of insects, including an insect's life cycle. Misty the Mosquito puppet makes the lesson a fun interactive experience.	PK, K

4/18/2022	11:10 AM	The Center for Birds of Prey	Springtime Chicks	In this program, participants will explore the tools, techniques, and utilization of captive propagation of birds. Learn about artificial and natural incubation, the development of birds in the egg, and the rearing of chicks. Explore several case studies of the role of captive propagation in the conservation of avian species on the brink of extinction. Meet some of the chicks produced for educational use by the propagation program of the Center for Birds of Prey.	4-7
4/18/2022	1:10 PM	The Center for Birds of Prey	Springtime Chicks	In this program, participants will explore the tools, techniques, and utilization of captive propagation of birds. Learn about artificial and natural incubation, the development of birds in the egg, and the rearing of chicks. Explore several case studies of the role of captive propagation in the conservation of avian species on the brink of extinction. Meet some of the chicks produced for educational use by the propagation program of the Center for Birds of Prey.	4-7
4/19/2022	1:10 PM	Art Institute of Chicago	Art Across Cultures	Explore objects from across the museum's vast collection, highlighting how artists transmit and respond to their own culture through their work. Students will engage with artworks that reflect various world views and perspectives and consider their own sense of self and place in the world.	3-8
4/19/2022	11:10 AM	Chicago Cultural Center	Screenhouse, by Edra Soto (en espanol)	El artista puertorriqueño Edra Soto, transforma la forma que quiebra sol de una simple pantalla que divide lo público de lo privado en una estructura independiente que se convierte en un lugar de encuentro social.	6-12
4/19/2022	2:10 PM	Chicago Cultural Center	Screenhouse, by Edra Soto	Puerto Rican artist, Edra Soto transforms the quiebrasol form from a simple screen that divides public from private into a free-standing structure that becomes a social gathering place. Explore how the artist changes the way people think about public spaces.	6-12
4/19/2022	12:10 PM	Science Museum of Virginia	Brain Dissection	How does your brain work? Watch an educator dissect a sheep brain while learning its different parts and functions. We'll cover the brain and its role in the nervous system.	6-12
4/20/2022	1:10 PM	Art Institute of Chicago	Arte a Través de Culturas (en espanol)	Explorar objetos de la vasta colección del museo, destacando cómo los artistas transmiten y responden a su propia cultura a través de su trabajo. Los estudiantes se involucrarán con obras de arte que reflejan diversas visiones y perspectivas del mundo y considerarán su propio sentido de sí mismos y su lugar en el mundo.	6-12
4/20/2022	2:10 PM	Atlanta History Center	World War II	What were the causes of the United States entering World War II? What was life like on the homefront? Encounter World War II from the homefront and learn how civilians got involved to help win the war using actual artifacts like propaganda posters, uniforms, and ration books.	5-8
4/20/2022	12:10 PM	Museum of Health Care at Kingston	Brainium Explainium	Take a deep dive into the organ that controls all we say and do. This discussion will include a general description of how the brain and nervous system work. We will identify some prominent "brain" figures and then showcase the museum's artifacts including surgical items, imaging machines, and therapy devices.	3-6
4/20/2022	11:10 AM	The Gibbes Museum of Art	The Fundamental Elements of Art	The Gibbes Museum of Art kicks off our arts programming this year with an examination of the fundamental elements of art. Explore the building blocks of any work of art on this fun tour of the permanent collection at the Gibbes Museum of Art in Charleston, SC. We'll also look at how different artists use color, line, shape, texture, and form to create their masterpieces.	1-5
4/21/2022	12:10 PM	Arizona-Sonora Desert Museum	Musical Story Time	Learn, laugh, and play! Join musical Michelle for a fun Sonoran Desert-themed story time, learn fantastic facts, and be ready to move and sing to animal-themed live music!	PK, K-2
4/21/2022	2:10 PM	California Academy of Sciences	Make Earth Day, Every Day	Planet Earth is an incredible and unique place in our solar system. It is the only planet that supports a diverse system of life! Earth has been able to support and take care of both plants and animals, including humans. So, how do we humans take care of Earth just like it takes care of us? In this interactive program, students will take on the role of Planet Heroes as they are challenged to design and implement solutions to benefit wildlife, ecosystems, and global communities through one surprising avenue: our food systems!	4-6
4/21/2022	11:10 AM	Fizzics Education	Science of Sound	Live from Australia, students will gain an understanding of how sound waves operate and how this knowledge is applied in the real world. What do sound waves look like? How does a sound wave change with pitch and increasing volume?	3-7
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4/22/2022	11:10 AM	Greenville Zoo	Party for the Planet	Party for the Planet celebrates our wonderful Planet Earth! During this program, we will learn about the origin of Earth Day, ways the Greenville Zoo helps to conserve plants and animals in the wild, and even have up-close encounters with some of our education animal ambassadors.	K-3
4/22/2022	1:10 PM	Greenville Zoo	Party for the Planet	Party for the Planet celebrates our wonderful Planet Earth! During this program, we will learn about the origin of Earth Day, ways the Greenville Zoo helps to conserve plants and animals in the wild, and even have up-close encounters with some of our education animal ambassadors.	K-3
4/22/2022	11:30 AM	International Music Foundation	The Shore Ensemble	The Shore Ensemble amazes students with what the human voice can do. Join these voices, along with their amazing pianist, as they present a broad array of classical music by composers from around the world, and will include selections from standard operas and musical theater. On this interactive and fun journey, listen to selections from different operas that exemplify arias, and ensembles and include some of the most famous arias from the world of opera. The dynamic quartet will also introduce students to the theatrical aspects of vocal performance and will discuss vocal technique, musical terms that are unique to opera and classical music. There will also be a question and answer session at the end of the performance so that students can share their thoughts about the concert.	3-6
4/22/2022	12:10 PM	Ocean Wise	Mystery of the Octopus	What has 8 arms, can change color and can grow to 9m (30ft) across? Explore the mysterious and marvelous life of octopuses with an Ocean Wise Educator! Ask your wildest octopus questions and learn ways to help protect the ocean while exploring the amazing adaptations that help these animals survive!	K-4
4/22/2022	2:10 PM	Ocean Wise	Octopuses: Inside and Out!	What has 8 arms, a donut shaped organ and more hearts than you? Explore the amazing world of octopuses, as we discover adaptations that help these animals survive with the addition of a squid dissection led by an Ocean Wise Educator!	5-12
4/25/2022	12:10 PM	Museum of the Rockies	T.Rex, Triceratops, & MOR: Dinosaurs of the Hell Creek Formation	The Hell Creek Formation in Montana and surrounding areas contains the fossils of some of the last non-avian dinosaurs to walk the Earth. Tyrannosaurus Rex, Triceratops, Pachycephalosaurus, and more all roamed the area about 66 million years ago. Join MOR Curator of Paleontology Dr. John Scannella to travel back to the end of the Cretaceous Period and meet the dinosaurs of the Hell Creek Formation!	2-6
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4/25/2022	11:10 AM	National D-Day Memorial	The African American Experience in WWII	From the men and women in uniform to fundamental questions of civil rights at home, learn how the Second World War changed American society. Black Americans served in record numbers during the war, but usually in segregated units and in backstage roles like driving trucks and loading ships. Still, their service was a major contribution to victory—and helped inspire postwar changes in civil rights.	6-12
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4/26/2022	12:10 PM	CodeJoy	CodeJoy presents Robot Aerobics with micro:bit	Kelsey and Matt the Robot are leading a dance fitness class designed to get the robots of the world moving, and they need your help to code the dancers. Feel free to groove along with the robots as you program their servos to swing to the beat. CodeJoy participants will learn the basics of coding position motors and creating sequences. A computer or Chromebook is required for you to interact with our in-studio robots.	4-8
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4/26/2022	12:30 PM	IsraEd	Why Remember? Why Study the Holocaust?	The survivors of the Holocaust were liberated over 75 years ago and only a small fraction of them remain alive today. This program will explore why it is still important to study the events that took place so many decades ago.	6-12
4/26/2022	1:10 PM	NASCAR Hall of Fame	Roar of the Engine	Sound is around us each and every day. At a shop or at the track, NASCAR is a great Place to explore sound waves. Students will conduct a series of sound experiments and measure sound waves for impact. Real recordings from the garage and track will be included in the experiments. Using a sound-level meter, students will graph their data for comparison of values.	K-2
4/26/2022	11:10 AM	Virginia Museum of Contemporary Art	Maya Lin: A Study of Water	Maya Lin is one of the most renowned visual artists of our time. Beginning her nationally recognized career at age 21 with the creation of the Vietnam Veterans Memorial in Washington, D.C., the architect and artist has been celebrated for her contribution to American sculpture for over five decades. Often responding to particular characteristics of a site or place, Lin makes pieces that are both topical and universally resonant. This exhibition brings together a selection of the internationally acclaimed artist's sculptural interpretations of water spanning several decades. Our tours use a selection of works from our current exhibitions to foster close observation, critical-thinking, and rich discussions that support learning standards through an inquiry-based approach.	6-12
4/27/2022	12:30 PM	IsraEd	Surviving the Holocaust: How Was That Possible?	The Nazi plan was to destroy every Jew and every vestige of Jewish life. Unfortunately, the Nazis proved to be quite proficient at their task. Yet, hundreds of thousands of Jews were able to survive and indeed there are hundreds of thousands of stories of how they managed to do so. In this session we will profile some of these amazing people and learn how they successfully eluded the Nazi dragnet.	6-12
4/27/2022	12:10 PM	Memphis Zoo	Expedition Apes	The great apes of the world live in Asia and Africa, but luckily, we have a few species right here at the zoo! We will venture virtually through the Primate Canyon Exhibit and talk about these amazing animals and how we can do our part to help them in the wild!	1-3
4/27/2022	11:10 AM	North Carolina Museum of Art	Exploring Cuban Art, A Bilingual Program	Students will explore two works of art by Cuban artists from the North Carolina Museum of Art's permanent collection and discuss how each relates to themes of identity and place, migration and journey. This bilingual program is for novice to intermediate Spanish-learners.	6-12
4/27/2022	1:10 PM	Preservation Virginia	The Spirit of '76: John Marshall, the Revolution, and the New Nation	Coming from the John Marshall House in Richmond, Virginia—home to our 4th and longest-serving Supreme Court Chief Justice—this program will explore the origins and rhetoric of the American Revolution, why a young John Marshall eagerly enlisted to serve, and stories and impacts from his time fighting for independence. This educator-led tour will also discuss John Marshall's experience in and contribution to political planning in the new nation. Exercising skills in historical inquiry, primary source analysis, spatial understanding and reasoning, and critical thinking, students will consider why, how, and for whom America's founding generation debated the future of the country.	4-9
4/27/2022	2:10 PM	The Mammoth Site of Hot Springs, SD	Tracing Bison from the Pleistocene to the Current Day	At the end of the Pleistocene, most of the megafauna of North America went extinct. Bison are among the last vestiges of Pleistocene Giants. Join us as we examine the fossil record of bison in North America, from their prehistoric counterparts to the giants of today's western plains.	3-6
4/28/2022	12:30 PM	IsraEd	The Amazing Survivors	With the Allied victory in Europe, the concentration camps were liberated and people were able to emerge from their places of hiding. That is only the beginning of the story. What they discovered is that their families had been murdered and their homes either destroyed or occupied. Somehow this group of people were able to pull themselves up, often moving to another country and learning a new language and successfully rebuild their families and their lives. How did they do it?	6-12
4/28/2022	11:10 AM	Sustainable Forestry Initiative	Discover Your Urban Forest	Just as urban gardens can be planted in overlooked and seemingly undesirable spaces to create "food forests" in inner city neighborhoods, mini forests can also thrive in surprisingly small spaces. Discover diverse perspectives about different landscapes whether it is a city sidewalk, an urban forest, or a community park.	5-8
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4/28/2022	12:10 PM	Virginia Zoo	Animal Care	Have you ever wondered what goes on behind-the-scenes at the Virginia Zoo's veterinary hospital, known as the Animal Wellness Campus? Do you want to know what it takes to care for more than 700 animals daily? Join us for an inside look at how our vet staff and zookeepers care for all of our furry, scaly and feathery friends!	3-5
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4/29/2022	12:10 PM	Atlanta History Center	World War II	What were the causes of the United States entering World War II? What was life like on the homefront? Encounter World War II from the homefront and learn how civilians got involved to help win the war using actual artifacts like propaganda posters, uniforms, and ration books.	5-8

4/29/2022	2:10 PM	North Carolina Aquarium on Roanoke Island	Ecosystem Excursion: Maritime Forest	What are the ecological components of a maritime forest? What makes these diverse systems different from a forest near you? Walk with an aquarium educator as we explore a forest growing a mile from the Atlantic Ocean.	6-12
4/29/2022	11:10 AM	Royal Botanical Gardens	Good Things Come in Trees	Can you imagine your life without plants? Plants are the basic food staple for all life forms. They are the major source of food and oxygen on Earth. Discover what parts of the plant we use and how humans depend on plants, directly and indirectly.	4-8
4/29/2022	1:10 PM	Royal Botanical Gardens	Good Things Come in Trees	Can you imagine your life without plants? Plants are the basic food staple for all life forms. They are the major source of food and oxygen on Earth. Discover what parts of the plant we use and how humans depend on plants, directly and indirectly.	4-8
5/2/2022	12:10 PM	Manitoba Museum	The Sky Tonight	The Sky Tonight planetarium show takes your students on a virtual guided tour of the night sky. See stars, northern lights, and meteors, find constellations, explore the Moon and planets, and ask our sky scientists all of your space-related questions. Discover how the sky moves and changes over time and how humans have tried to understand our place in the universe.	K-4
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5/2/2022	11:10 AM	North Carolina Museum of Natural Sciences	A Cheeseburger's Journey Through Your Body	Follow a cheeseburger as it travels from your plate, through your body, and out!	4-8
5/2/2022	1:10 PM	North Carolina Museum of Natural Sciences	A Cheeseburger's Journey Through Your Body	Follow a cheeseburger as it travels from your plate, through your body, and out!	4-8
5/3/2022	12:10 PM	Author Natalie Rompella	Edgar, Allan, & Poe and the Tell-Tale Beets	How can Edgar, Allan, and Poe get away with not eating the awful meals their mother serves? By hiding them beneath the floorboards! Author Natalie Rompella will read from her picture book Edgar, Allan and Poe and the Tell-Tale Beets and answer questions about being an author.	K-3
5/3/2022	2:10 PM	Nikkei National Museum	Cultural Heritage with the Nikkei National Museum	How many cultures can one person have? Nikkei people have Japanese ancestry, but live somewhere else in the world. Join us to explore some experiences of Nikkei Canadians, from the first immigrants from Japan in the 19th century to their descendants and newer immigrants today. Examine historical objects that show community life that's both Japanese and North American, and see uniquely Japanese Canadian works of art.	4-6
5/3/2022	11:10 AM	North Carolina 4-H Camps	Predator/Prey Relationships	What does an animal's skull tell us about the type of food it eats, where it lives, and how it thrives? Find out in this exciting session about predator and prey relationships! Students will use animal skulls to explore the role and function of specific species in the ecosystem. Students will gain a first-hand understanding of how population dynamics, competition for resources, and carving out a niche work in the ecosystem based on the interactions of predators and the prey they eat.	3-7
5/3/2022	1:10 PM	North Carolina 4-H Camps	Predator/Prey Relationships	What does an animal's skull tell us about the type of food it eats, where it lives and how it thrives? Find out in this exciting session about predator and prey relationships! Students will use animal skulls to explore the role and function of specific species in the ecosystem. Students will gain a first-hand understanding of how population dynamics, competition for resources, and carving out a niche work in the ecosystem, based on the interactions of predators and the prey they eat.	3-7
5/4/2022	4:15 PM	Live Demo			
5/4/2022	11:10 AM	Museum of Fine Arts Boston	Art of China	Explore artworks depicting Guanyin, the bodhisattva of compassion, in the MFA's Art of China collection, including the 12th-century larger-than-life wood sculpture Guanyin, Bodhisattva of Compassion.	3-8
5/4/2022	1:10 PM	Museum of Fine Arts Boston	Art of China	Explore artworks depicting Guanyin, the bodhisattva of compassion, in the MFA's Art of China collection, including the 12th-century larger-than-life wood sculpture Guanyin, Bodhisattva of Compassion.	3-8
5/4/2022	12:10 PM	Planet Bee	Wanna-Bee An Engineer	This engaging engineering lesson reviews different species of native bees, habitat preferences, and methods of pollination. Students will practice math throughout this lesson to learn how deeply native bees are connected to our food source and ecosystems as well as how to engineer a simple native bee house from everyday objects.	3-5
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5/5/2022	11:10 AM	Preservation Virginia	The Great Chief Justice: John Marshall at Home and on the Supreme Court	John Marshall is most well-known as America's longest-serving, and arguably most influential, 4th Supreme Court Chief Justice from 1801 to 1835. During his years on the bench, John Marshall helped decide what the Supreme Court could and could not do. He developed a strong legal legacy that still endures today. In this program from the John Marshall House in Richmond, Virginia, students will learn about his greatest contributions and greatest shortcomings on the Supreme Court, within the context of his life and home in Virginia. Moreover, we will explore the contradiction John Marshall and many of America's founding generation faced: reconciling both the legality and morality of the institution of slavery. How do we remember the Great Chief Justice?	6-12
5/5/2022	1:10 PM	Alaska SeaLife Center	Marine Mammals of Alaska	Observe seals and sea lions and learn all about these amazing marine mammals at the Alaska SeaLife Center in Seward, Alaska!	PK, K-5
5/5/2022	2:10 PM	Alaska SeaLife Center	Marine Mammals of Alaska	Observe seals and sea lions and learn all about these amazing marine mammals at the Alaska SeaLife Center in Seward, Alaska!	PK, K-5
5/5/2022	12:10 PM	Science Museum of Virginia	Heart Dissection	How does your heart work? Watch an educator dissect a sheep heart while explaining its different parts and functions. Learn about the cardiovascular system by comparing a sheep heart to a human one.	5-12
5/6/2022	11:10 AM	Mount Washington Observatory	Cyclones and Tropical Weather	Hurricanes and other tropical systems are some of the most destructive storms on the planet and threaten millions of people each year. Join our summit scientists as we explore the mechanisms that make these storms so powerful.	3-8
5/6/2022	1:10 PM	Mount Washington Observatory	Cyclones and Tropical Weather	Hurricanes and other tropical systems are some of the most destructive storms on the planet and threaten millions of people each year. Join our summit scientists as we explore the mechanisms that make these storms so powerful.	3-8
5/6/2022	12:10 PM	Museum of Health Care at Kingston	Talk to a Nurse	Have you ever wondered what it takes to be a nurse? Ever had any questions about what nurses does, but were afraid to ask? Do you want to be a nurse one day? Well, now's your chance to have those questions answered! Talk to a nurse-in-training about learning, practicing and becoming a nurse, and we promise, no question is a bad one!	1-5
5/6/2022	2:10 PM	Nikkei National Museum	Cultural Heritage with the Nikkei National Museum	How many cultures can one person have? Nikkei people have Japanese ancestry, but live somewhere else in the world. Join us to explore some experiences of Nikkei Canadians, from the first immigrants from Japan in the 19th century to their descendants and newer immigrants today. Examine historical objects that show community life that's both Japanese and North American, and see uniquely Japanese Canadian works of art.	4-6

5/9/2022	12:10 PM	History San José	Immigration	This innovative field trip has students step into another person's shoes. Students discover the challenges and triumphs of REAL people and compare the immigrants' experiences: a Chinese boy in the 1890s, a Mexican guest worker in the 1950s, and a Vietnamese refugee mother in the 1980s. Focus question: How do laws and cultural identity intersect to shape an immigrant's experience?	4-7
5/9/2022	2:10 PM	History San José	Immigration	This innovative field trip has students step into another person's shoes. Students discover the challenges and triumphs of REAL people and compare the immigrants' experiences: a Chinese boy in the 1890s, a Mexican guest worker in the 1950s, and a Vietnamese refugee mother in the 1980s. Focus question: How do laws and cultural identity intersect to shape an immigrant's experience?	4-7
5/9/2022	11:10 AM	Texas State Aquarium	Virtual Classroom: Sharks	Long bodies, sharp teeth, and a top predator... you guessed it - sharks! Join us to discover how sharks move, what their teeth are like, and the parts that make up their bodies.	PK, K-2
5/9/2022	1:10 PM	Texas State Aquarium	Virtual Classroom: Sharks	Long bodies, sharp teeth, and a top predator... you guessed it - sharks! Join us to discover how sharks move, what their teeth are like, and the parts that make up their bodies.	PK, K-2
5/10/2022	2:10 PM	Australian Environmental Education	Australian Animals	Discover some amazing animals that only live in Australia. We will explore the deserts to the sea, forests to my backyard to find out more about some of Australia's most interesting animals. You will also see some live insects and a live Green Tree Frog.	2-5
5/10/2022	11:10 AM	Chicago Cultural Center	Meet the artist, Christine Tarkowski	Learn about the artist's process of using fire to transform molten glass in the remarkable Firebird Community Arts studio where youth also transform their own lives. Explore how this symphony of blown glass suspended in the air and imbedded into massive stones invites interaction and reflection in Millennium Park.	4-7
5/10/2022	1:10 PM	Chicago Cultural Center	Meet the artist, Christine Tarkowski	Learn about the artist's process of using fire to transform molten glass in the remarkable Firebird Community Arts studio where youth also transform their own lives. Explore how this symphony of blown glass suspended in the air and imbedded into massive stones invites interaction and reflection in Millennium Park.	6-12
5/10/2022	12:10 PM	Royal BC Museum	First People's Innovations	Explore a variety of Indigenous innovations and technologies practiced by First Nations' peoples of BC. While sharing and discussing, RBCM's Indigenous Learning Program Developer will highlight three to four innovations and practices of BC First Nations with the visual support of RBCM objects and images.	3-5
5/11/2022	1:30 PM	Crossing Borders Memorial	Cambodian Music: The Living Tradition	In partnership with the National Cambodian Heritage Museum and Killing Fields Memorial and its Resident Artist Punisa Pov, Crossing Borders Music shares a program of newly arranged Cambodian songs, through which we'll learn about Cambodian history, culture, and the rich, living tradition of Cambodian arts and music.	6-12
5/11/2022	12:10 PM	Northwest Trek Wildlife Park	Animal Homes	Discover how animals benefit from their habitat and how animals can actually have positive impacts on the places they live! Join a naturalist in this interactive lesson featuring animal photos and videos, and a drawing activity to learn what we can do to make sure there are healthy habitats and animals in our ecosystem. This program includes a naturalist introduction and brief overview of Northwest Trek, recorded observations of three different animals and their habitats, and a discussion of what animals need to survive in their habitat.	3-6
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5/11/2022	1:10 PM	Ocean Wise	Babies! Adventures Through Life	Aren't babies just the cutest? But they don't always look like their parents. In this live, interactive program you will help a baby ocean invertebrate transform through its life cycle stages. Through matching activities, trivia questions and overcoming ocean threats you will finally reveal whose baby is whose!	2-6
5/11/2022	11:10 AM	Virginia Museum of Contemporary Art	Maya Lin: A Study of Water	Maya Lin is one of the most renowned visual artists of our time. Beginning her nationally recognized career at age 21 with the creation of the Vietnam Veterans Memorial in Washington, D.C., the architect and artist has been celebrated for her contribution to American sculpture for over five decades. Often responding to particular characteristics of a site or place, Lin makes pieces that are both topical and universally resonant. This exhibition brings together a selection of the internationally acclaimed artist's sculptural interpretations of water spanning several decades. Our tours use a selection of works from our current exhibitions to foster close observation, critical-thinking, and rich discussions that support learning standards through an inquiry-based approach.	K-5
5/12/2022	11:10 AM	Fizzics Education	Electricity & Magnetism	Live from Australia, this workshop covers the fundamentals of electricity. What is electromagnetism? What materials are resistors vs. conductors? How do basic circuits work? Time to create a buzz!	3-7
5/12/2022	1:10 PM	Fizzics Education	Electricity & Magnetism	Live from Australia, this workshop covers the fundamentals of electricity. What is electromagnetism? What materials are resistors vs. conductors? How do basic circuits work? Time to create a buzz!	3-7
5/12/2022	12:10 PM	North Carolina Aquarium on Roanoke Island	Underwater Wonders: Horseshoe Crabs	Learn about these ancient animals and their strategies for survival over millions of years. How do they fit into the life cycles of other animals? What secrets can we learn from them?	3-5
5/12/2022	10:10 AM	Victims of Communism Memorial Foundation	The Cold War	Last December marked 30 years since Mikhail Gorbachev resigned and the Union of the Soviet Socialist Republics dissolved, in effect marking the end of what had long been called the Cold War. This program will define the Cold War and discuss the origins, key events and end of what became a global conflict between totalitarian regimes led by the Soviet Union and the free world led by the United States.	9-12
5/12/2022	2:10 PM	Victims of Communism Memorial Foundation	The Cold War	Last December marked 30 years since Mikhail Gorbachev resigned and the Union of the Soviet Socialist Republics dissolved, in effect marking the end of what had long been called the Cold War. This program will define the Cold War and discuss the origins, key events and end of what became a global conflict between totalitarian regimes led by the Soviet Union and the free world led by the United States.	9-12
5/13/2022	12:10 PM	Astronomer Dr. Valerie Rapson	The Mysteries of Black Holes	Black holes are mysterious objects in outer space that have a really strong gravitational pull. Small black holes are scattered throughout our Milky Way, and supermassive black holes exist at the center of most galaxies in the Universe. What exactly are black holes? How are they formed? And what would happen if you fell into one? Join us to find out!	3-8
5/13/2022	2:10 PM	Astronomer Dr. Valerie Rapson	The Mysteries of Black Holes	Black holes are mysterious objects in outer space that have a really strong gravitational pull. Small black holes are scattered throughout our Milky Way, and supermassive black holes exist at the center of most galaxies in the Universe. What exactly are black holes? How are they formed? And what would happen if you fell into one? Join us to find out!	3-8

5/13/2022	11:10 AM	Living Maths	Puzzles, Problems, and Games: Lateral Thinking	Live from South Africa, join Mr. S, your mathemagics guide, on a wonderful journey of exploration and discovery using math as the vehicle. Problem solving, critical thinking, and creative thinking skills will be explored through a digital, interactive whiteboard. Put your thinking cap on and get ready for some fun. Today's focus is on lateral thinking.	1-3
5/13/2022	1:10 PM	Living Maths	Puzzles, Problems, and Games: Lateral Thinking	Live from South Africa, join Mr. S, your mathemagics guide, on a wonderful journey of exploration and discovery using math as the vehicle. Problem solving, critical thinking, and creative thinking skills will be explored through a digital, interactive whiteboard. Put your thinking cap on and get ready for some fun. Today's focus is on lateral thinking.	4-6
5/16/2022	11:10 AM	Greenville Zoo	Beast Feast	Beast Feast explores all the different ways that animals eat! During this program, we will categorize animals by what they eat, examine unique ways some animals eat, and even have an up-close encounter with some of our animal ambassadors.	2-5
5/16/2022	1:10 PM	Greenville Zoo	Beast Feast	Beast Feast explores all the different ways that animals eat! During this program, we will categorize animals by what they eat, examine unique ways some animals eat, and even have an up-close encounter with some of our animal ambassadors.	2-5
5/16/2022	12:10 PM	Manitoba Museum	Exploring the Universe: The Big Questions	Exploring the Universe examines some of the big questions in science: Where did the universe come from? What is it made of? How do we know what we know? How has our understanding changed throughout human history? We'll use the Planetarium's DIGISTAR software to explore the planets and stars, visit distance galaxies, and use Canadian technology to see the universe in a different light.	6-12
5/16/2022	2:10 PM	Seacoast Science Center	Rocky Shore Tide Pools: Animals and Adaptations	Magnified images and underwater video footage will complement your naturalist-led tide pool investigation to learn more about the unique attributes of the rocky intertidal ecosystem. Students will explore biodiversity, patterns and zonation, and the special adaptations that help animals and algae thrive in this challenging habitat. This program moves beyond an introduction to engage students in a closer examination of the special and wondrous adaptations necessary for survival in a wild and dynamic ecosystem.	K-4
5/17/2022	12:10 PM	Atlanta History Center	Civil Rights	How did the American justice system affect the Civil Rights Movement? What were the causes of public school desegregation? Experience the beginnings of the modern Civil Rights era with the Supreme Court case of Brown v. Board of Education.	4-7
5/17/2022	11:10 AM	Montana Natural History Center	Biomimicry and Bugs	This program introduces students to our Bug Ambassadors and the inventions that they have inspired. Using the natural world for inspiration to solve human problems is called biomimicry. What kind of inventions can we come up with if we use the bugs around us for inspiration? The program is capped off with a simple engineering challenge inspired by water striders that students can do at home with their families or together with their class. Students should have access to a pencil and paper during this program.	1-3
5/17/2022	1:10 PM	Montana Natural History Center	Biomimicry and Bugs	This program introduces students to our Bug Ambassadors and the inventions that they have inspired. Using the natural world for inspiration to solve human problems is called biomimicry. What kind of inventions can we come up with if we use the bugs around us for inspiration? The program is capped off with a simple engineering challenge inspired by water striders that students can do at home with their families or together with their class. Students should have access to a pencil and paper during this program.	1-3
5/17/2022	2:10 PM	The Royal Tyrrell Museum of Palaeontology	Fossil Planet: Dinosaurs	Fossil Planet is a special program offered by the Royal Tyrrell Distance Learning Studio that takes our audience around the world to explore the history of life on earth. Dinosaurs dominated the land in the mesozoic, but could the secret to their success lie in how they ate? From eating rocks to crunching bones, their varied diets placed them at every level of the food chain. Come see what's on their menu!	3-6
5/18/2022	1:10 PM	NASCAR Hall of Fame	Tight and Loose (Unbalanced Forces)	Engineering for unbalanced and balanced forces is important in NASCAR. Car chassis and handling varies by track. While learning and using NASCAR terminology, students will study the impact of unbalanced and balanced forces and how performance is critical for speed. Students will build friction energy cars.	6-8
5/18/2022	11:10 AM	Planet Bee Foundation	Bee-Ometry	Have you ever wondered why the cells in a hive are shaped like hexagons? This dynamic STEM lesson focuses on the honey bee as it explores math and engineering concepts to teach students why hexagons are the most efficient shape for a cell. We review honey bee biology, jobs in the hive, pollination, and why bees are so important.	K-2
5/18/2022	2:10 PM	Planet Bee Foundation	Bee-Ometry	Have you ever wondered why the cells in a hive are shaped like hexagons? This dynamic STEM lesson focuses on the honey bee as it explores math and engineering concepts to teach students why hexagons are the most efficient shape for a cell. We review honey bee biology, jobs in the hive, pollination, and why bees are so important.	3-5
5/18/2022	12:10 PM	Royal Botanical Gardens	Invasive Species	The health of the ecosystems is closely linked to the level of its biodiversity. When the biodiversity is threatened so are the native species that depend on that ecosystem threatened. Invasive species are just one of the reasons for a reduction in biodiversity. We'll explore how various invasive species threaten an ecosystem and then dive deeper to discover the 5 main characteristics that makes an invasive species a top competitor.	5-12
5/19/2022	12:10 PM	Maritime Museum of British Columbia	Early Exploration to the West	Beginning with Captain Cook in the age of discovery, students will explore the questions: What was the motivation for exploration of the West? How did interactions between First Nations and the explorers impact and shape the development and history of this coast? What were key innovations and tools in navigation, technology, and seafaring? Students will interact with an historical object exploration activity.	3-5
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5/19/2022	11:10 AM	Roper Mountain Science Center	Carnivorous Plants	There are lots of animals that eat plants, but not a lot of plants eat animals. Come enjoy the rare and unique world of carnivorous plants as we talk about where they're found and how they capture their prey.	3-6
5/19/2022	1:10 PM	Roper Mountain Science Center	Carnivorous Plants	There are lots of animals that eat plants, but not a lot of plants eat animals. Come enjoy the rare and unique world of carnivorous plants as we talk about where they're found and how they capture their prey.	3-6
5/20/2022	11:30 AM	International Music Foundation	Ballet Chicago and Merit School of Music	Ballet Chicago teams up with the Merit School of Music to bring to the stage exciting world premieres by rising young DanceVision choreographers, performed live by Ballet Chicago Studio Company dancers and members of the Merit School of Music. Also on the program are excerpts from Ballet Chicago's magnificent "Nutcracker" and the ever popular audience participation "mini lesson" in Ballet.	K-6
5/20/2022	12:10 PM	Living Maths	Math in the Real World: Games	Live from South Africa, join Mr. S as we explore Math in the Real World. Games are so much fun to play, but often people play to win. Is there a mathematical solution to winning games? Let's take a look at how to improve your chances.	1-3

5/20/2022	11:10 AM	Memphis Zoo	Endangered Species: Problems to Protection	Check out this behind the scenes program with one of our rhinos and an elephant tusk up close. Learn why these animals, along with many others, are struggling in the wild. Find out how we can help these disappearing species in this live Memphis Zoo visit!	6-12
5/20/2022	1:10 PM	Memphis Zoo	Endangered Species: Problems to Protection	Check out this behind the scenes program with one of our rhinos and an elephant tusk up close. Learn why these animals, along with many others, are struggling in the wild. Find out how we can help these disappearing species in this live Memphis Zoo visit!	6-12
5/20/2022	12:10 PM	The Gibbes Museum of Art	The Fundamental Elements of Art	The Gibbes Museum of Art kicks off our arts programming this year with an examination of the fundamental elements of art. Explore the building blocks of any work of art on this fun tour of the permanent collection at the Gibbes Museum of Art in Charleston, SC. We'll also look at how different artists use color, line, shape, texture, and form to create their masterpieces.	1-5
5/20/2022	2:10 PM	The Toy Museum of NY	Toys of the Past & the Books That Tell Their Stories	The Toy Museum of NY's collection of toys and books makes the perfect distance learning companion program. From Raggedy Ann and Howdy Doody to today's modern-day children's stories such as Sesame Street books featuring Elmo and Big Bird, learn about toys from the past and the books that helped tell their stories. Several books will be read aloud.	1-4
5/23/2022	12:10 PM	Sea Turtle Inc.	Let's Talk Turtles!	Discover the world of turtles as we celebrate World Turtle Day! This program will cover the different types of turtles and their adaptations for the environment in which they live. This program will include live visits from our current resident turtles along with our sea turtle patients in the hospital!	3-6
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5/23/2022	11:10 AM	South Carolina Aquarium	Shell-ebrate Turtles	Help us observe World Turtle Day as we shell-ebrate chelonians! We'll introduce you to some of our shelled residents at the aquarium as we learn about different turtles and the habitats in which they live. The South Carolina Aquarium also rescues sick and injured sea turtles, rehabilitates them, and releases them back to the wild. We'll explore the aquarium's conservation work with sea turtles and discuss ways that you can help.	K-5
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5/24/2022	12:10 PM	CodeJoy	CodeJoy presents Robot Rovers with micro:bit	Elby the Robot is learning to drive - and he needs your help! Help Elby learn to build and then drive a robot rover through the walls of Kelsey's house on a special mission. CodeJoy participants will learn the basics of coding rotation servo motors and building sequences. A computer or Chromebook is required for you to interact with our in-studio robots.	4-8
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5/24/2022	11:10 AM	Dr Pepper Museum and Free Enterprise Institute	Liquid Laboratory: AbraCANDabra	Explore the science of soda pop from our Liquid Laboratory. Today's session will explore science experiments using soda cans.	1-4
5/24/2022	1:10 PM	Dr Pepper Museum and Free Enterprise Institute	Liquid Laboratory: AbraCANDabra	Explore the science of soda pop from our Liquid Laboratory. Today's session will explore science experiments using soda cans.	1-4
5/25/2022	11:10 AM	Smithsonian National Portrait Gallery	America's Presidents	How has presidential portraiture changed since the days of George Washington? The National Portrait Gallery is proud to hold the only complete collection of presidential portraits outside of the White House. This program introduces students to the "America's Presidents" exhibition and investigates the diverse ways in which presidents have been portrayed in portraiture over the past two centuries.	6-12
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5/25/2022	12:10 PM	The Charleston Museum	Explore the Shore	Do you realize that the shells you pick up on the beach were once living creatures? Through hands-on investigations of our preserved marine life collection students learn about seahorses, sharks, shells and more.	K-3
5/25/2022	2:10 PM	The Gibbes Museum of Art	Japanese Woodblock Prints	The Gibbes Museum of Art is home to one of the earliest and most significant collections of Japanese woodblock prints in the Southeast. Covering a full range of popular print subjects by master ukiyo-e artists of the Edo period, this tour will take a close look at these images and the techniques used to create them.	4-8
5/26/2022	11:10 AM	National D-Day Memorial	What is Memorial Day?	Memorial Day weekend often looks like cookouts and beach trips. But why do we commemorate Memorial Day? Learn more about the significance of this holiday and how to honor those who died fighting for our freedom through making poppies during this program.	K-5
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5/26/2022	12:10 PM	North Carolina Maritime Museum at Southport	Shining a Light on the Past: Lighthouses	Learn the importance of day and night markers associated with lighthouses. What navigational aids are on land compared to those on the water? Historically, how are lighthouses utilized in maritime communities?	5-12
5/26/2022	2:10 PM	The American Civil War Museum	How Shall We Remember	Congress declared Memorial Day a national holiday in 1971, but communities first came together at the end of May to mourn war dead during the bloodiest conflict in American history, the Civil War. As early as 1865, people began asking themselves how to remember those who had sacrificed life and limb during the War. How did different people choose to mark the occasion? How did tensions in the aftermath of the War affect how people memorialized it? How has our observation of Memorial Day and memory of the Civil War changed?	7-12
5/27/2022	2:10 PM	Literacy Chef	Read Aloud and Sensory Language Lesson with Grandma's House	This program will provide an example of how writers use all of their senses to show, not just tell their story. The author will Read Aloud Grandma's House, a memoir of her favorite childhood place. As a mentor text, Grandma's House will guide students' understanding of sensory language to improve reading comprehension and written expression. At their leisure after the live program, students can travel through the writing process to find detailed verbs, perfect adjectives and sensory language that will bring their own written piece to life. Upon completion of the program, students will have produced their own foldable book of their favorite place that can be gifted to someone special.	3-5

5/27/2022	12:10 PM	Montana Natural History Center	Backyard Bird Challenge	Your Backyard Bird Challenge starts the moment you step outside! Find out how to identify and record common birds you might encounter in your backyard or neighborhood. We will practice our naturalist powers of observation to notice and describe field marks and flight patterns. Learn to see the important details through a bird sketching exercise you can do solo or as a pair. Every day can be a treasure hunt when you are birding! Bring your paper, pencil, and colored pencils.	2-5
5/27/2022	1:10 PM	Museum of the Rockies	Looking Inside Dinosaurs: Paleohistology	What can we learn about dinosaurs by looking inside of their bones? Join Museum of the Rockies Paleohistology Lab Manager Ellen-Therese Lamm to explore her unique role in science and discover how researchers use microscopic information to piece together details about extinct animals.	4-8
5/31/2022	11:10 AM	Author Brianna DuMont	Humorous History: Who Wrote That?	Using fun and interactive examples from pop culture, students are introduced to the dual concepts of primary sources and bias. Next, students hear two differing primary sources, a positive and a negative, from John Adams on a mysterious historical figure (George Washington). They are asked to analyze the source and decide if he appears to like or dislike his subject. After a big reveal, we discuss the factors that can affect bias and link them back to reading with awareness in our everyday lives.	4-6
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5/31/2022	12:10 PM	Manitoba Museum	What's Up: Virtual Planetarium	Join us for a virtual Planetarium show and discover the amazing sights you can see in the sky! Experience the Sun's effects on our planet, from day and night to the seasons. Find constellations and planets, and visit other planets to learn about how special our home planet Earth is.	K-4
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6/1/2022	11:10 AM	Author Ginjer Clarke	Jellyfish!	Nonfiction science author Ginjer Clarke takes students on a deep dive to learn all about the weird, wonderful world of Jellyfish! Her newest book covers fascinating facts about these little-known creatures, which many scientists consider to be one of the most important links in the ocean's food chains, and how they are adapting and thriving in all watery habitats.	2-5
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6/1/2022	12:10 PM	Chattanooga Zoo	Super South America Tour	Join our educator to meet some super animals native to South America! Do you like honey? So do kinkajous! Get up close to a kinkajou and a capybara. We also get to observe a mystery rainforest animal.	5-8
6/1/2022	2:10 PM	Chattanooga Zoo	Super South America Tour	Join our educator to meet some super animals native to South America! Do you like honey? So do kinkajous! Get up close to a kinkajou and a capybara. We also get to observe a mystery rainforest animal.	5-8
6/2/2022	11:10 AM	Museum of Fine Arts Boston	Contemporary Art	Explore sculpture, mixed media, and painting from the MFA's Contemporary Art Collection. Contemporary art can be defined as the art of our time, and at the Museum includes art produced from the second half of the 20th century to the present moment. Made all over the world every day, contemporary art is constantly changing and is as varied as the artists who make it.	6-12
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6/2/2022	12:10 PM	North Carolina Aquarium on Roanoke Island	Underwater Wonders: Horseshoe Crabs	Learn about these ancient animals and their strategies for survival over millions of years. How do they fit into the life cycles of other animals? What secrets can we learn from them?	3-5
6/2/2022	2:10 PM	Virginia Zoo	Okavango Delta Exhibit	Join the Virginia Zoo and meet some of the animals that can be found living on the Okavango Delta! Be on the lookout for one of our towering Masai Giraffe or our feathered friends the Southern Ground Hombill and Ostrich. Look closely and you may even see a few other animals that call this habitat home.	K-5
6/3/2022	11:30 AM	International Music Foundation	Latin Jazz Ensemble	A Musical Journey through the Caribbean "El Caribe". Nathan's sextet is made up of seasoned musicians in the Latin style. They will take you on a historical journey through the Caribbean performing rhythms brought from West Africa to the islands of Cuba, Dominican Republic, and Puerto Rico; performing rhythms such as Salsa, Bomba, Plena, Merengue, Chachachá, and Bachata.	3-6
6/3/2022	11:10 AM	Science Museum of Virginia	You are My Density	What do sinking and floating objects have in common with ocean waters? Can you "stack" up liquids? Join us as we explore these ideas, calculate density, and perform some other exciting experiments!	2-6
6/3/2022	1:10 PM	Science Museum of Virginia	You are My Density	What do sinking and floating objects have in common with ocean waters? Can you "stack" up liquids? Join us as we explore these ideas, calculate density, and perform some other exciting experiments!	2-6
6/3/2022	12:10 PM	The Sheffield Museum of Rural Life	Medieval Music and Dance	Students learn from a "real" peasant character about the music and dance that was popular amongst the medieval peasantry. The fiddle, bagpipes, whistle, drum, and hurdy-gurdy are demonstrated, and the students learn simple dances from Medieval times, danced to live music.	3-6
6/6/2022	11:10 AM	Canadian Warplane Heritage Museum	A Recent Tour of Normandy	On this day, the 78th anniversary of D-day, we'll showcase a visual record of a Canadian Warplane Heritage Museum tour guide's visit to Normandy, France and discover the Allies landing beaches and battlefields of 1944.	9-12
6/6/2022	2:10 PM	Canadian Warplane Heritage Museum	A Recent Tour of Normandy	On this day, the 78th anniversary of D-day, we'll showcase a visual record of a Canadian Warplane Heritage Museum tour guide's visit to Normandy, France and discover the Allies landing beaches and battlefields of 1944.	9-12
6/6/2022	1:10 PM	North Carolina Aquarium at Pine Knoll Shores	Soars and Explores	Learn about the amazing bird species we care for at the aquarium and the special training and enrichment we provide for our feathered friends. Participants will get to meet and learn more about three of our avian ambassadors, which could include brown pelicans, sun conures, owls, and vultures.	6-8
6/6/2022	12:10 PM	Seacoast Science Center	Rocky Shore Tide Pools: Animals and Adaptations	Magnified images and underwater video footage will complement your naturalist-led tide pool investigation to learn more about the unique attributes of the rocky intertidal ecosystem. Students will explore biodiversity, patterns and zonation, and the special adaptations that help animals and algae thrive in this challenging habitat. This program moves beyond an introduction to engage students in a closer examination of the special and wondrous adaptations necessary for survival in a wild and dynamic ecosystem.	5-8
6/7/2022	11:10 AM	Memphis Zoo	Northwest Voyage	Join us as we hike to the Northwest Passage from right here at Memphis Zoo. From polar bear plunges to sea lion dives, behind the scenes tours to animal visitors, we will experience it all in this engaging live-stream journey!	PK, K-2

6/7/2022	1:10 PM	Memphis Zoo	Northwest Voyage	Join us as we hike to the Northwest Passage from right here at Memphis Zoo. From polar bear plunges to sea lion dives, behind the scenes tours to animal visitors, we will experience it all in this engaging live-stream journey!	PK, K-2
6/7/2022	12:10 PM	Museum of the Rockies	From Field to Lab: The Process of Paleontology	Lots of kids dream of becoming a paleontologist, but may not truly understand what the job entails! Learn all about the process of paleontology, from discovering fossils in the field to mounting dinosaurs for display, with Paleontology Lab and Field Specialist Scott Williams.	2-8
6/8/2022	12:10 PM	Museum of Health Care at Kingston	Quackery and Fake Medicine	Can you tell fact from fiction? This program involves examining many of the museum's unique medicines, "quack" medications, and the wild things claimed to cure you. Expect lots of weird, funny, and downright shocking examples of "wild west" pills and prescriptions.	4-8
6/8/2022	11:10 AM	Ocean Wise	Whales: Poop, Drones and Hydrophones	Grab your binoculars for a virtual excursion to the Pacific Coast of Canada, where we will learn to identify species of whales, dolphins, and other animals we might spy! Explore how Ocean Wise researchers help protect these animals through poop, drones, and hydrophones. What human impacts affect these animals? How can your actions bring positive change? Let's find out together!	2-5
6/8/2022	2:10 PM	Ocean Wise	Whales: Poop, Drones and Hydrophones	Grab your binoculars for a virtual excursion to the Pacific Coast of Canada, where we will learn to identify species of whales, dolphins, and other animals we might spy! Explore how Ocean Wise researchers help protect these animals through poop, drones, and hydrophones. What human impacts affect these animals? How can your actions bring positive change? Let's find out together!	5-8
6/8/2022	1:10 PM	The Museum at Liberty Hall	Technology Through Time: Three Centuries of Childhood	Museum educators in period dress will guide students on a virtual time travel adventure through five different generations at Liberty Hall: 1780s, 1820s, 1860s, 1900s, and 1940s. Through artifacts and reproductions, students will explore how life has changed for children at Liberty Hall by comparing lighting, transportation, communication, technology, clothing, music, toys, and more.	1-5
6/9/2022	2:10 PM	Art Institute of Chicago	Art + Activism (en español)	Descubra cómo el arte a lo largo del tiempo y las culturas ha promovido el cambio al hacer surgir problemas, comunicar perspectivas y plantear preguntas. Los estudiantes explorarán las elecciones que han hecho los artistas para activar al público y considerarán cómo su propio arte y voz pueden tener un impacto.	6-12
6/9/2022	12:10 PM	Author Natalie Rompella	The World of Insects	Author Natalie Rompella will read from her nonfiction insect book The World Never Sleeps and talk about her writing journey. She will share facts as well as up-close photographs to get students comfortable with and inquisitive about insects and spiders.	K-3
6/9/2022	1:10 PM	Royal Botanical Gardens	Amazing Monarchs	From egg to adult, you will see them all in this special program available between June to late September. We'll get up close to live specimens and use images and video to explore the Monarch butterfly's amazing life cycle. With your help, we'll discover how they make their journey from Mexico to Ontario, Canada.	3-6
6/10/2022	2:10 PM	Art Institute of Chicago	Art + Activism	Discover how art across time and cultures has promoted change by surfacing issues, communicating perspectives, and posing questions. Learners will explore the choices artists have made to activate audiences and consider how their own art and voice can have an impact.	6-12
6/10/2022	12:10 PM	Living Maths	Math in the Real World: Natural World	Live from South Africa, join Mr. S as we explore Math in the Real World. The natural world is filled with more math than you can ever imagine. We are now using some of these incredible natural designs when we make things. Learn more about math and biomimicry.	4-6
6/10/2022	11:10 AM	North Carolina Zoo	Snakes: Friend or Foe	What should you do if you see a snake? Are snakes good or bad? Join us to learn how snakes fill different roles in their habitats and how we can work to make sure they remain friends to the environment.	2-5
6/10/2022	1:10 PM	North Carolina Zoo	Snakes: Friend or Foe	What should you do if you see a snake? Are snakes good or bad? Join us to learn how snakes fill different roles in their habitats and how we can work to make sure they remain friends to the environment.	2-5