



StreamableLearning™

Live and Interactive Curriculum™

2018 / 2019 Live Streaming Events Calendar

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
9/13/18	12:10 PM	Adventures in Math	Living Maths	Math problems, puzzles and games: Live from South Africa	Join Mr S as he presents interesting math problems, puzzles and games to stretch the minds of your students. The lessons are interactive and students are required to bring something to write with and something to write on. There will be a large range of problems for the students to work on and the solutions will be presented too. Problems will involve space and shape, logic , creativity, strategy, team work, thinking inside the box, thinking outside the box, thinking with a box on your head and many more types. Some will have numbers and some won't. Some will rely on language while others will rely on your eyes. Be prepared for a few surprises. The content and the problems will vary from lesson to lesson. Mr S teaches a few thousand students every week from K-12 so after 23 years, he has built up a treasure chest of awesome brainteasers. Are you ready!	1,2,3	STEM, Math

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9/13/18	1:10 PM	Adventures in Math	Living Maths	Math problems, puzzles and games: Live from South Africa	Join Mr S as he presents interesting math problems, puzzles and games to stretch the minds of your students. The lessons are interactive and students are required to bring something to write with and something to write on. There will be a large range of problems for the students to work on and the solutions will be presented too. Problems will involve space and shape, logic , creativity, strategy, team work, thinking inside the box, thinking outside the box, thinking with a box on your head and many more types. Some will have numbers and some won't. Some will rely on language while others will rely on your eyes. Be prepared for a few surprises. The content and the problems will vary from lesson to lesson. Mr S teaches a few thousand students every week from K-12 so after 23 years, he has built up a treasure chest of awesome brainteasers. Are you ready!	4,5,6	STEM, Math
9/14/18	10:30 AM	Welcome Back to School	Dave Ruch	The Welcome Back to School Show	Let's set just the right tone for a great 2018-19 school year! This interactive online event for grades K-4 contains some wonderful messages about: Responsibility, Resilience, Overcoming Obstacles, Taking Care of Ourselves, but MOSTLY, it's a shared, participatory musical experience that will have your entire school community laughing, singing, and moving their bodies together.	K,1,2,3,4	Orientation
9/17/18	11:10 AM	Animal Encounters	The Greenville Zoo	Animal Senses	How do snakes hear without ears? Why do rabbits have eyes on the sides of their head? Students investigate	K,1,2	STEM, Science

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					puzzling questions like these through hands-on activities. The Greenville Zoo will deliver you goodies to take part in interactive projects during the program.		
9/17/18	1:10 PM	Animal Encounters	The Greenville Zoo	Animal Senses	How do snakes hear without ears? Why do rabbits have eyes on the sides of their head? Students investigate puzzling questions like these through hands-on activities. The Greenville Zoo will deliver you goodies to take part in interactive projects during the program.	K,1,2	STEM, Science
9/18/18	11:10 AM	Science Experiment of the Month	Roper Mountain Science Center	Behind the Scenes at Symmes Hall: Property Changes	Come explore the properties of physical and chemical changes with us in our behind the scenes stage show. Experiments with dry ice, liquid nitrogen, and chemicals will help illustrate these changes and how to identify them.	3,4,5,6	STEM, Science
9/18/18	12:10 PM	Science Experiment of the Month	Roper Mountain Science Center	Behind the Scenes at Symmes Hall: Property Changes	Come explore the properties of physical and chemical changes with us in our behind the scenes stage show. Experiments with dry ice, liquid nitrogen, and chemicals will help illustrate these changes and how to identify them.	3,4,5,6	STEM, Science
9/19/18	11:10 AM	Poetry Monthly	Kenn Nesbitt's Poetry 4 Kids	What's in a Rhyme?	Rhyming isn't complicated, but there's more to it than you might guess. Learn what makes a rhyme a rhyme, as well as the different types of rhymes, and even how not to rhyme, from former Children's Poet Laureate Kenn Nesbitt.	1,2,3,4,5	ELA, Poetry
9/19/18	1:10 PM	Poetry Monthly	Kenn Nesbitt's Poetry 4 Kids	What's in a Rhyme?	Rhyming isn't complicated, but there's more to it than you might guess. Learn what makes a rhyme a rhyme, as well as the different types of rhymes, and even how not to rhyme, from former Children's Poet Laureate Kenn Nesbitt.	1,2,3,4,5	ELA, Poetry

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9/21/18	12:10 PM	International: International Day for Peace	Pragati Pascale, Peace Run United Nations	Running for Peace	Learn about the Peace Run and how you can join the movement for world peace. The Sri Chinmoy Oneness-Home Peace Run is a global relay that seeks to promote international friendship and understanding. Since 1987, the Run has traversed over 150 nations and territories, touching the lives of millions of people. By passing the torch from one person to the next, the relay offers people from many nations the opportunity to express their hopes and dreams for a better, brighter future. People from all walks of life hold the symbolic torch to wish for a peaceful world. Passing the torch from one person to the next unites people in a common aspiration to offer something positive to our world – together we can make a difference!	8,9,10,11,12	Civics, Social Studies
9/21/18	1:10 PM	International: International Day for Peace	Pragati Pascale, Peace Run United Nations	How All of Us Can Create Peace	Students will learn about the meaning of the word "Peace". What peace means on a personal level, local level, and global level. Students will learn how they can contribute to peace in the world.	4,5,6,7	Civics, Social Studies
9/25/18	11:10 AM	Poetry Monthly	Kenn Nesbitt's Poetry 4 Kids	Famous Children's Poets – Shel Silverstein	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.	2,3,4,5,6	ELA, Poetry
9/25/18	12:10 PM	Animal Encounters	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	3,4,5,6	STEM, Science

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					make their journey from Mexico to Ontario, Canada.		
9/25/18	1:10 PM	Poetry Monthly	Kenn Nesbitt's Poetry 4 Kids	Famous Children's Poets – Shel Silverstein	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.	2,3,4,5,6	ELA, Poetry
9/28/18	10:10 AM	American History, American Art	Roper Mountain Science Center	Behind the Scenes: Living History Farm	Come explore our living history farm at Roper Mountain Science Center, where the past comes alive. We have authentic log cabins, corn cribs, a barn, a blacksmith shop, a school and a former slave cabin. This tour will highlight early 1800s farm life.	3,4,5	History
9/28/18	11:10 AM	American History, American Art	Roper Mountain Science Center	Behind the Scenes: Living History Farm	Come explore our living history farm at Roper Mountain Science Center, where the past comes alive. We have authentic log cabins, corn cribs, a barn, a blacksmith shop, a school and a former slave cabin. This tour will highlight early 1800s farm life.	3,4,5	History
10/1/18	11:10 AM	World History, World Art	Museum of Fine Arts Boston	Art of Ancient Egypt	Discover the history behind sculpture, funerary objects, and a mummy found during the MFA's early 20th century excavations of Tomb 10A in Egypt. In the post-visit activity, students will think like museum professionals as they examine historic excavation photographs of ancient sculpture fragments and then devise a plan for those fragments upon their return to the MFA.	4,5,6,7,8	History, Art
10/1/18	1:10 PM	World History, World Art	Museum of Fine Arts Boston	Art of Ancient Egypt	Discover the history behind sculpture, funerary objects, and a mummy found during the MFA's early 20th century excavations of Tomb 10A in Egypt. In	4,5,6,7,8	History, Art

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					the post-visit activity, students will think like museum professionals as they examine historic excavation photographs of ancient sculpture fragments and then devise a plan for those fragments upon their return to the MFA.		
10/2/18	11:10 AM	Our Environment : World Habitat Day	The Greenville Zoo	Discovering Habitats	Find out what makes a home a habitat as we look at them on a larger scale. This highly-interactive program explores the difference between the deserts, tundra, grasslands, oceans and rain forests.	3,4,5	STEM, Science, Sustainability
10/2/18	12:10 PM	Our Environment : World Habitat Day	The Greenville Zoo	Discovering Habitats	Find out what makes a home a habitat as we look at them on a larger scale. This highly-interactive program explores the difference between the deserts, tundra, grasslands, oceans and rain forests.	3,4,5	STEM, Science, Sustainability
10/4/18	11:10 AM	Our Universe	Roper Mountain Science Center	Jr. Astronaut Program	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 galaxy.	1,2,3,4	STEM, Science
10/4/18	12:10 PM	Our Universe	Roper Mountain Science Center	Jr. Astronaut Program	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 galaxy.	1,2,3,4	STEM, Science
10/4/18	1:10 PM	Oceans Alive	Dolphin Research Center	Dolphins 101	Dolphins 101 covers many of the most frequently asked questions students have about dolphins. The program also addresses many standards related to adaptations, ecology and conservation.	4,5,6,7	STEM, Science

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10/4/18	2:00 PM	Science Experiment of the Month	Fizzics Education	Live from Australia: Science of Sound	What do sound waves look like? How does a soundwave change with pitch and increasing volume? Students will gain an understanding of how soundwaves operate and how this knowledge is applied in the real world.	3,4,5,6,7	STEM, Science
10/5/18	12:10 PM	International: Indigenous Peoples Day	Jose Soto, Global Education Motivators	Taíno People of the Caribbean	Learn about the Taino people, natives to the northern Caribbean territory, including the islands of Puerto Rico, Hispaniola, Cuba, Jamaica, Bahamas, and even southern Florida. Learn about what they looked like, how they talked, customs, what they ate, and what life was like on the islands.	2,3,4,5,6	International, Social Studies
10/5/18	1:10 PM	International: Indigenous Peoples Day	Jose Soto, Global Education Motivators	The Rise and Fall of the Taíno People of the Caribbean	The decline of Indigenous Peoples in the Americas begins with Columbus landing in the Caribbean. Columbus wrote of the Taino "They traded with us and gave us everything they had, with good will...they took great delight in pleasing us...They are very gentle and without knowledge of what is evil; nor do they murder or steal...Your highness may believe that in all the world there can be no better people...They love their neighbours as themselves, and they have the sweetest talk in the world, and are gentle and always laughing." The Taíno became nearly extinct as a culture following settlement by Spanish colonists, primarily due to infectious diseases and cruel enslavement. This program will look at the history of the Taino people, and how their culture lives on today.	9,10,11,12	International, Social Studies
10/9/18	11:10 AM	Poetry Monthly	Kenn Nesbitt's Poetry 4 Kids	How to Write Cinquains	The cinquain is an easy, five-line poetic form, similar to Japanese haiku and tanka. Celebrate the birthday of	3,4,5	ELA, Poetry

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					Adelaide Crapsey, creator of the cinquain, by discovering its history and learning how to write your own cinquains.		
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10/10/18	11:10 AM	Rocks, Fossils and Dinosaurs	The Royal Tyrrell Museum of Palaeontology	Up Close & Palaeo Jr – Special Focus: Reptiles	Participants will connect with the Royal Tyrrell Museum of Palaeontology in Alberta, Canada for this interactive and informative Q&A style program. During the first half of the program one of our experts will introduce the science of palaeontology and show how fossils can be used to trace the evolution of reptiles. The program will examine the three main groups that ruled the earth during the Mesozoic Era: the dinosaurs, marine reptiles, and flying reptiles. In the second half of the program the participants will be able to ask questions in the chat window and a variety of fossils, images, video clips, will be used to support our answers.	K,1,2,3,4,5,6,7	STEM, Science
10/10/18	12:10 PM	Oceans Alive: Cephalopod Awareness Day	Alaska Sea Life Center	Amazing Cephalopods: Squid Dissection	Observe a squid dissection while we learn about head-footed animals of the deep: octopus, squid, cuttlefish & nautilus.	5,6,7,8	STEM, Science
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10/12/19	11:10 AM	World History, World Art: History Through Impersonations	The Sheffield Museum	Meet the Medieval Peasant	Visit an in-character peasant in his home in medieval England for a fascinating discussion of the many facets of medieval life, such as the manor system, agriculture, religion, daily life, gender roles, crime & punishment, warfare, health, family life, social hierarchy, and entertainment. Students and teachers may direct the discussion through their questions. The peasant will show artifacts, and play live music on medieval instruments.	4,5,6,7,8	History
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10/17/18	12:10 PM	Health & Wellness Monthly: World Food Day	Royal Botanical Gardens	How Far Has Your Food Traveled	We go to the grocery store regularly to buy food, but where did that food come from originally compared to where we get it from now? What resources were used to get the food to us? With the help of a world map, we'll explore these questions and more.	3,4,5,6,7	Health & Wellness
10/18/18	10:10 AM	Our Universe: National Moon Day	Dudley Observatory at miSci	Our Friend the Moon	The moon is a beautiful sight in the day and night time sky. As it goes through phases, we see the moon appear to change shape, and through a telescope we can explore craters, mare and other features on the moon. This lesson explores basic facts about the moon, its motion around the Earth, and the spacecrafts and humans that have explored the moon throughout history.	3,4,5	STEM, Science
10/18/18	11:10 AM	Our Universe: National Moon Day	Dudley Observatory at miSci	A Trip to the Moon	During the Space Race in the mid 1900's, 12 men walked on the moon. Since then, we have sent many robotic spacecrafts to explore the lunar surface, and plans may be in the works to send humans back again. Join us as we discuss the Apollo missions, what we learned from that period of lunar exploration, and where we think the future of space exploration is headed.	3,4,5,6,7,8	STEM, Science
10/18/18	1:10 PM	Our Universe: National Moon Day	Dudley Observatory at miSci	157 Moons and Counting	There are A LOT of moons in the solar system- 157 to be exact as of the writing of this course description. But astronomers are still discovering new moons around the gas giant planets, and that number may be different by the	6,7,8,9,10, 11,12	STEM, Science

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					time we teach this course! Join us as we briefly explore the various moons of the solar system, highlighting those that may have water and even the potential to host alien life!		
10/19/18	11:10 AM	Health & Wellness Monthly	Roper Mountain Science Center	Behind the Scenes: Down on the Farm for Fall Harvest	Come check out our harvest! Join Roper Mountain as we harvest our crops in our living history garden. We'll be taking a look at gardening times of the early 1800s as we harvest some fall crops.	3,4,5,6	Health & Wellness
10/19/18	12:10 PM	Health & Wellness Monthly	Roper Mountain Science Center	Behind the Scenes: Down on the Farm for Fall Harvest	Come check out our harvest! Join Roper Mountain as we harvest our crops in our living history garden. We'll be taking a look at gardening times of the early 1800s as we harvest some fall crops.	3,4,5,6	Health & Wellness
10/22/18	11:10 AM	Animal Encounters	The Greenville Zoo	Animal Kingdom	Students will compare invertebrates to vertebrates, with an emphasis on the 5 vertebrate classes.	3,4,5	STEM, Science
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10/23/18	12:10 PM	Animal Encounters	The National Butterfly Center	Butterfly Diversity	At this time of year, it is not unusual for the National Butterfly Center to have 80-100 different species of butterflies, on a daily basis. In this live program, we will expose students to as many species as possible, while discussing distinctions and basic methods for identification.	3,4,5	STEM, Science
10/23/18	2:10 PM	Animal Encounters	The National Butterfly Center	Butterfly Diversity	At this time of year, it is not unusual for the National Butterfly Center to have 80-100 different species of butterflies, on a daily basis. In this live program, we will expose students to as many species as possible, while discussing	3,4,5	STEM, Science

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					distinctions and basic methods for identification.		
10/24/18	11:10 AM	Early Readers: Creative Writing Day	Author Jonathan Miller and Sammy Dog Books	Introduction to 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.	2,3,4,5	ELA
10/24/18	1:10 PM	Early Readers: Creative Writing Day	Author Jonathan Miller and Sammy Dog Books	Introduction to 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	2,3,4,5	ELA

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					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.		
10/25/19	11:10 AM	American History, American Art	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.	3,4,5,6	History
10/25/19	1:10 PM	American History, American Art	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	3,4,5,6	History

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					time, and unearth the lasting legacies of the War today.		
10/30/18	12:10 PM	International: Day of the Dead	Mexico City Schools	Dia De Los Muertos	Students in the US and Canada celebrate Halloween, but students in Mexico celebrate another holiday this time of year - Dia de los Muertos. Hear from students in Mexico City about this special holiday. Learn about what they do on this day, what they eat, how they dress, and what it means to them.	4,5,6,7	Culture
10/30/18	1:10 PM	International: Day of the Dead	Jose Soto	All Saints Day/Dia De Los Muertos en Español	Students will have an opportunity to experience how All Saints Day is celebrated in different countries across the world. Traditions, rituals, festivities, and more. The popular Dia De Los Muertos celebration has gained attention due to it's vibrant colors and candle-lit traditions. Learn about the meaning behind this religious holiday. This program will be offered en Español.	6,7,8,9,10, 11,12	Culture, Spanish
10/31/18	10:10 AM	Animal Encounters: Halloween	The Center for Birds of Prey	Owlloween: 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.	K,1,2,3,4,5	STEM, Science
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10/31/18	12:10 PM	Animal Encounters: Halloween	California Academy of Sciences	Spooktacular Skulls	Looking to make Halloween excitement into a fun science experience? 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 mystery skulls were predator or prey. This program supports the Next Generation Science Standards by focusing on the Crosscutting Concept: Structure and function.	3,4,5	STEM, Science
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					Crosscutting Concept: Structure and function.		
11/1/18	10:10 AM	World History, World Art: Day of the Dead	The Mexic-Arte Museum	Day of the Dead	Dia 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 super excited to share with you this rich cultural tradition celebrating the Day of the Dead!	3,4,5,6,7,8,9,10,11,12	Art, History
11/1/18	12:10 PM	World History, World Art: Day of the Dead	The Mexic-Arte Museum	Day of the Dead	Dia 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 super excited to share with you this rich	3,4,5,6,7,8,9,10,11,12	Art, History

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11/1/18	2:00 PM	Science Experiment of the Month	Fizzics Education	Live from Australia: Lights and Color	Investigate the visible light spectrum, including colour addition and subtraction. Explore luminescent minerals and other objects using ultraviolet light. Find out why sunsets are red and learn about colour and energy relationships. From absorption to reflection, your students will gain a strong understanding of light and its applications in everyday life.	3,4,5,6,7	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
11/2/18	10:15 AM	Ocean's Alive	Ocean Wise	Life in the World's Coral Reefs	Students will be able to imagine themselves scuba diving in the coral reefs of Florida, Australia or Mexico as they meet with a marine educator in front of a Tropical Sharks habitat. In this program students will learn about the diversity of life that can be found in tropical waters, and how it is all connected through the delicate balance of food webs. They will also learn about important topics such as shark and turtle conservation, and the lion fish invasion of the east coast! Students will have the opportunity to discuss the animals they most want to learn about through a question and answer period at the end. With the incredible coral reef as their guide, students will see how tropical salt waters hold some of the widest diversity in the ocean, and are some of the greatest at risk.	1,2,3,4,5	STEM, Science
11/2/18	11:15 AM	Ocean's Alive	Ocean Wise	Life in the World's Coral Reefs	Students will be able to imagine themselves scuba diving in the coral reefs of Florida, Australia or Mexico as they meet with a marine educator in front of a Tropical Sharks habitat. In this program students will learn about the diversity of life that can be found in tropical waters, and how it is all connected through the delicate balance of food webs. They will also learn about important topics such as shark and turtle conservation, and the lion fish invasion of the east coast! Students will have the opportunity to discuss the animals they most want to learn about through a question and answer period at the end. With the incredible coral reef	1,2,3,4,5	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					as their guide, students will see how tropical salt waters hold some of the widest diversity in the ocean, and are some of the greatest at risk.		
11/5/18	1:10 PM	International: Elections Around the World	GEMS and The United National	Elections Around the World	How does the US system of elections compare to elections around the world? This program will explore the Electoral College, term limits, voting rights, how elections are held, when elections are held, and more.	6,7,8,9,10, 11,12	History, Social Studies
11/8/18	12:10 PM	Early Readers: Veterans Day	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 veteran's experience. It emphasizes what veterans go through on a daily basis in a simple to read format. Most importantly, it is written based on my 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 everyday sacrifices veterans make whether deployed overseas or training in peacetime.	2,3,4,5	ELA, History, Social Studies, Literature

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
11/8/18	1:10 PM	Early Readers: Veterans Day	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 veteran's experience. It emphasizes what veterans go through on a daily basis in a simple to read format. Most importantly, it is written based on my 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 everyday sacrifices veterans make whether deployed overseas or training in peacetime.	2,3,4,5	ELA, History, Social Studies, Literature
11/9/18	11:10 AM	Animal Encounters	Quinta Mazatlan	An Invitation to a Bird-Day Party	A host invites children to visit the different "habitats" in a forest where various migrating birds have stopped for a "bird day" party. They are eating, drinking and singing. Children get to feel the excitement of seeing (or hearing) a variety of songs and seeing the few that come out dancing in colors. The host is on a journey though --to deliver some presents to the host family of chachalacas that live in the forest year round. In the final scene, the host presents them --food, water and a bag of picked-up trash, explaining why these kinds of presents are much more	K,1,2	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					prized than store-bought items... for birds.		
11/9/18	12:10 PM	Animal Encounters	Quinta Mazatlan	An Invitation to a Bird-Day Party	A host invites children to visit the different "habitats" in a forest where various migrating birds have stopped for a "bird day" party. They are eating, drinking and singing. Children get to feel the excitement of seeing (or hearing) a variety of songs and seeing the few that come out dancing in colors. The host is on a journey though --to deliver some presents to the host family of chachalacas that live in the forest year round. In the final scene, the host presents them --food, water and a bag of picked-up trash, explaining why these kinds of presents are much more prized than store-bought items... for birds.	K,1,2	STEM, Science
11/12/18	11:10 AM	American History, American Art: Native American Heritage Month	The Cranbrook Institute of Science	Native American Treasures	This program introduces the virtual viewer the diversity of Native American cultures across North America by showing outstanding examples of Native American artifacts from the Institute's collection. From ancient Paleo-Indian spear points to 20th century art pieces, viewers will gain an appreciation for the innovations of Native Peoples, past and present, in every aspect of living from basic survival to artistic expression. These grade appropriate tours also touch upon the ethics of collecting Native American	3,4,5,6	History, Social Studies

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					artifacts and how curators care for their collections.		
11/12/18	1:10 PM	American History, American Art: Native American Heritage Month	The Cranbrook Institute of Science	Native American Treasures	This program introduces the virtual viewer the diversity of Native American cultures across North America by showing outstanding examples of Native American artifacts from the Institute's collection. From ancient Paleo-Indian spear points to 20th century art pieces, viewers will gain an appreciation for the innovations of Native Peoples, past and present, in every aspect of living from basic survival to artistic expression. These grade appropriate tours also touch upon the ethics of collecting Native American artifacts and how curators care for their collections.	7,8,9,10	History, Social Studies
11/13/18	11:10 AM	American History, American Art: Native American Heritage Month	Ah-Tah-Thi-Ki Seminole Museum	Seminole History and Culture 101	Come visit the Ah-Tah-Thi-Ki Museum to discover more about the Seminole people of Florida. A guide will share Seminole culture, past and present, from the immersive environment of our diorama-style exhibits. Owned and operated by the Seminole Tribe of Florida, accredited by the American Alliance of Museums, and a Smithsonian Affiliate Institution, the museum offers a one-of-a-kind learning opportunity you won't want to miss!	4,5,6	History, Social Studies

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
11/13/18	12:10 PM	American History & Government: Native American Heritage Month	Ah-Tah-Thi-Ki Seminole Museum	Seminole History and Culture 101	Come visit the Ah-Tah-Thi-Ki Museum to discover more about the Seminole people of Florida. A guide will share Seminole culture, past and present, from the immersive environment of our diorama-style exhibits. Owned and operated by the Seminole Tribe of Florida, accredited by the American Alliance of Museums, and a Smithsonian Affiliate Institution, the museum offers a one-of-a-kind learning opportunity you won't want to miss!	4,5,6	History, Social Studies
11/14/18	12:10 PM	Our Environment	Royal Botanical Gardens	Human Impacts on Wetlands	When you go for a walk in a forest, a meadow or a wetland, is it the same as it was 150 years ago? Probably not. We'll explore the stressors of Cootes Paradise (Class 1 wetland) and what is being done to restore this marsh.	6,7,8,9,10,11,12	STEM, Science
11/15/18	11:10 AM	American History, American Art: History Through Impersonations	The Sheffield Museum	Meet the Loyalist Soldier From the American Revolution	Meet a Loyalist veteran of the American Revolution and find out how this conflict was really a civil war between fellow colonists that pitted neighbour against neighbour, and split families apart. The Loyalist is prepared to discuss the motivations and experiences of American loyalists, and their re-settlement in Canada as refugees. Students and teachers may direct the discussion through their questions. The Loyalist will also show artifacts (including a musket) and play some live music.	4,5,6,7,8	History

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
11/15/19	12:10 PM	Adventures in Math	Living Maths	Math problems, puzzles and games: Live from South Africa	Join Mr S as he presents interesting math problems, puzzles and games to stretch the minds of your students. The lessons are interactive and students are required to bring something to write with and something to write on. There will be a large range of problems for the students to work on and the solutions will be presented too. Problems will involve space and shape, logic , creativity, strategy, team work, thinking inside the box, thinking outside the box, thinking with a box on your head and many more types. Some will have numbers and some won't. Some will rely on language while others will rely on your eyes. Be prepared for a few surprises. The content and the problems will vary from lesson to lesson. Mr S teaches a few thousand students every week from K-12 so after 23 years, he has built up a treasure chest of awesome brainteasers. Are you ready!	1,2,3	STEM, Math
11/15/18	1:10 PM	American History, American Art: History Through Impersonations	The Sheffield Museum	Meet the Loyalist Soldier From the American Revolution	Meet a Loyalist veteran of the American Revolution and find out how this conflict was really a civil war between fellow colonists that pitted neighbour against neighbour, and split families apart. The Loyalist is prepared to discuss the motivations and experiences of American loyalists, and their re-settlement in Canada as refugees. Students and teachers may direct the discussion through their questions. The Loyalist will also show artifacts (including a musket) and play some live music.	4,5,6,7,8	History

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
11/15/18	2:10 PM	Adventures in Math	Living Maths	Math problems, puzzles and games: Live from South Africa	Join Mr S as he presents interesting math problems, puzzles and games to stretch the minds of your students. The lessons are interactive and students are required to bring something to write with and something to write on. There will be a large range of problems for the students to work on and the solutions will be presented too. Problems will involve space and shape, logic , creativity, strategy, team work, thinking inside the box, thinking outside the box, thinking with a box on your head and many more types. Some will have numbers and some won't. Some will rely on language while others will rely on your eyes. Be prepared for a few surprises. The content and the problems will vary from lesson to lesson. Mr S teaches a few thousand students every week from K-12 so after 23 years, he has built up a treasure chest of awesome brainteasers. Are you ready!	4,5,6	STEM, Math
11/16/18	11:10 AM	Rocks, Fossils and Dinosaurs	The Wyoming Dinosaur Center & Dig Sites	Dino-stories	Wyoming was home to many of the most famous dinosaurs - and they all have prehistoric stories to tell.	K,1,2	STEM, Science
11/16/18	1:10 PM	Rocks, Fossils and Dinosaurs	The Wyoming Dinosaur Center & Dig Sites	Dino-stories	Wyoming was home to many of the most famous dinosaurs - and they all have prehistoric stories to tell.	K,1,2	STEM, Science
11/19/18	11:10 AM	Health and Wellness Monthly	Museum of Health Care at Kingston	Snot and Whatnot	A wild, gross-out ride through medical history! After learning about the concept of the four humours, the role of mucus, and how we can control the spread of germs, participants mix up a batch of	2,3,4,5	Health & Wellness

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					"snot" and receive a sample to take home!		
11/19/18	12:10 PM	International: Africa Industrialization Day	Jose Soto, Global Education Motivators	Africa Industrialization Day	The purpose of Africa Industrialization Day (AID), marked each year on 20 November, is to raise global awareness of the challenges faced by the continent with regard to industrialization. The event also aims to mobilize both African leaders and international organizations to advocate for the accelerated and sustainable industrialization of Africa.	8,9,10,11,12	History, Social Studies
11/19/18	1:10 PM	Health and Wellness Monthly	Museum of Health Care at Kingston	Snot and Whatnot	A wild, gross-out ride through medical history! After learning about the concept of the four humours, the role of mucus, and how we can control the spread of germs, participants mix up a batch of "snot" and receive a sample to take home!	2,3,4,5	Health & Wellness
11/20/18	10:10 AM	American History, American Art	Roper Mountain Science Center	Wagons West	Come with us on a journey along the Oregon Trail! The students will find out what it was really like to travel across the Great Plain, rivers and mountains to finally arrive in Oregon City in family groups. We will examine the motivations and challenges of those who made the journey West.	4,5,6	History
11/20/18	12:10 PM	American History, American Art	Roper Mountain Science Center	Wagons West	Come with us on a journey along the Oregon Trail! The students will find out what it was really like to travel across the Great Plain, rivers and mountains to finally arrive in Oregon City in family groups. We will examine the motivations and challenges of those who made the journey West.	4,5,6	History

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
11/20/18	1:15 PM	World History, World Art: Around the World with Music	Dave Ruch	World Communities Concert	Songs, stories and musical instruments from around the world – Africa, Russia, Ireland, Japan, India and more.	K,1,2,3,4,5,6	History, Art
11/27/18	11:10 AM	Our Environment : Giving Tuesday	Sea Turtle, Inc.	Lend a Hand: The Value of Volunteering	Sea Turtle, Inc. is a non-profit organization in south Texas. Our mission is rescue, rehabilitate and release sick and injured sea turtles, educate the public, and assist with conservation efforts for all marine turtle species. We would not be able to fulfill our mission without our amazing volunteers. This program features the work we do at Sea Turtle, Inc. highlighting our volunteers and the importance of giving back to your local community through volunteering.	6,7,8,9,10,11,12	Sustainability, Civics
11/27/18	1:10 PM	Our Environment : Giving Tuesday	Sea Turtle, Inc.	Lend a Hand: The Value of Volunteering	Sea Turtle, Inc. is a non-profit organization in south Texas. Our mission is rescue, rehabilitate and release sick and injured sea turtles, educate the public, and assist with conservation efforts for all marine turtle species. We would not be able to fulfill our mission without our amazing work we do at Sea Turtle, Inc. highlighting our volunteers and the importance of giving back to your local community through volunteering.	6,7,8,9,10,11,12	Sustainability, Civics
11/28/18	11:10 AM	Animal Encounters	The Greenville Zoo	Chain of Life	Students learn how animals are built to eat, what they do and how animals rely on one another for their own survival in the chain of life.	3,4,5	STEM
11/28/18	1:10 PM	Animal Encounters	The Greenville Zoo	Chain of Life	Students learn how animals are built to eat, what they do and how animals rely	3,4,5	STEM

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					on one another for their own survival in the chain of life.		
11/29/18	10:10 AM	Oceans Alive: Manatee Awareness Month	Mote Marine Laboratory and Aquarium	Manatees	How do you train a 3000-pound relative of the elephant? Learn how we care for Hugh and Buffett, our resident West Indian manatees, and find out how big and smart they are.	4,5,6,7,8	STEM
11/29/18	11:10 AM	Poetry Monthly	Kenn Nesbitt's Poetry 4 Kids	How to Write Clerihews	The clerihew, a funny, four-line poetic form created by English writer Edmund Clerihew Bentley, is perfectly suited to budding young poets. In this program, you'll learn the history of the clerihew and how to write them.	3,4,5	ELA, Poetry
11/29/18	1:10 PM	Poetry Monthly	Kenn Nesbitt's Poetry 4 Kids	How to Write Clerihews	The clerihew, a funny, four-line poetic form created by English writer Edmund Clerihew Bentley, is perfectly suited to budding young poets. In this program, you'll learn the history of the clerihew and how to write them.	3,4,5	ELA, Poetry
11/30/18	1:10 PM	Career & College Readiness	The Center for Birds of Prey	Avian Medical Clinic	In this exclusive program, participants will visit the Avian Medical Clinic and Oil Spill Response Facility of the Center for Birds of Prey. Explore the causes of injury that bring over 600 patients into our facility annually. Learn about the technologies utilized in the identification and treatment of the associated injuries and illnesses as well as the process of rehabilitation that often leads to release into the wild. Watch first hand as a bird of prey receives treatment from our medical professionals and if circumstances permit the release of a bird back to the wild following treatment.	5,6,7,8,9,10,11,12	Career & College Readiness

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
12/3/18	12:10 PM	Weather	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 is found 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."	6,7,8	STEM, Science
12/3/18	1:10 PM	Weather	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 is found 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."	3,4,5	STEM, Science
12/4/18	11:10 AM	Animal Encounters	Roper Mountain Science Center	Amazing Animals	We invite you to join our team at Roper Mountain as we work together to develop a new animal classification display exhibit! Students will observe amazing animals, make observations about the animals, and use them to classify each animal based on its characteristics.	3,4,5,6	STEM, Science
12/4/18	12:10 PM	Animal Encounters	Roper Mountain Science Center	Amazing Animals	We invite you to join our team at Roper Mountain as we work together to develop a new animal classification display exhibit! Students will observe amazing animals, make observations about the animals, and use them to	3,4,5,6	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					classify each animal based on its characteristics.		
12/4/18	1:10 PM	Our Environment : Holiday Traditions	Royal Botanical Gardens	Plants in Our Winter Holiday Traditions	When you think of this time of year, what smells and colours come to mind? Pine, gingerbread cookies, mulled cider, green, red? These are related to plants that have been used in our winter celebrations for over 2,000 years within different cultures. Join us as we explore the important role plants have played in these traditions.	5,6,7	STEM, Science, Culture
12/5/18	11:10 AM	Poetry Monthly	Kenn Nesbitt's Poetry 4 Kids	How to Write Acrostics	For students beginning to write poetry, acrostics are one of the simplest and most popular poetic forms. In this session, you'll learn to brainstorm ideas and create your first acrostic.	3,4,5	ELA, Poetry
12/5/18	1:10 PM	Poetry Monthly	Kenn Nesbitt's Poetry 4 Kids	How to Write Acrostics	For students beginning to write poetry, acrostics are one of the simplest and most popular poetic forms. In this session, you'll learn to brainstorm ideas and create your first acrostic.	3,4,5	ELA, Poetry
12/10/18	11:10 AM	Health and Wellness Monthly	Museum of Health Care at Kingston	The Skin You're In	Did you know that the skin is the largest organ in your body? Participants explore properties of this talented organ and learn about the integumentary systems of animals. Hands-on activities and games include the creation of a personal Braille nameplate!	2,3,4,5	Health & Wellness
12/10/18	1:10 PM	Health and Wellness Monthly	Museum of Health Care at Kingston	The Skin You're In	Did you know that the skin is the largest organ in your body? Participants explore properties of this talented organ and learn about the integumentary systems of animals. Hands-on activities and games include the creation of a personal Braille nameplate!	2,3,4,5	Health & Wellness

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
12/11/18	10:10 AM	Oceans Alive: Sharks: Skates & Rays	South Carolina Aquarium	Explore Sharks, Rays, and Skates	Join us for an elasmobranch exploration at the South Carolina Aquarium! You'll meet some of our cartilaginous creatures as we learn about the differences between sharks, rays, and skates and investigate their amazing adaptations. Together, we'll discover the important role these extraordinary elasmobranchs play in marine ecosystems and why they need to be protected, not feared.	2,3,4,5	STEM, Science
12/11/18	11:10 AM	Oceans Alive: Sharks: Skates & Rays	South Carolina Aquarium	Explore Sharks, Rays, and Skates	Join us for an elasmobranch exploration at the South Carolina Aquarium! You'll meet some of our cartilaginous creatures as we learn about the differences between sharks, rays, and skates and investigate their amazing adaptations. Together, we'll discover the important role these extraordinary elasmobranchs play in marine ecosystems and why they need to be protected, not feared.	2,3,4,5	STEM, Science
12/11/18	1:10 PM	Oceans Alive: Sharks: Skates & Rays	South Carolina Aquarium	Explore Sharks, Rays, and Skates	Join us for an elasmobranch exploration at the South Carolina Aquarium! You'll meet some of our cartilaginous creatures as we learn about the differences between sharks, rays, and skates and investigate their amazing adaptations. Together, we'll discover the important role these extraordinary elasmobranchs play in marine ecosystems and why they need to be protected, not feared.	2,3,4,5	STEM, Science
12/12/18	11:10 AM	Oceans Alive: Sharks: Skates & Rays	Mote Marine Laboratory and Aquarium	Sharks Alive	This lesson is focused on shark research at Mote Marine Laboratory. We begin with an overview of shark husbandry and training at our aquarium and the research technology we use.	3,4,5,6,7,8	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					We end with a Question and Answer session with our Ocean Expert.		
12/12/18	1:10 PM	Oceans Alive: Sharks: Skates & Rays	Mote Marine Laboratory and Aquarium	Sharks Alive	This lesson is focused on shark research at Mote Marine Laboratory. We begin with an overview of shark husbandry and training at our aquarium and the research technology we use. We end with a Question and Answer session with our Ocean Expert.	6,7,8,9,10, 11,12	STEM, Science
12/13/18	11:10 AM	Poetry Monthly: Holiday Traditions	Kenn Nesbitt's Poetry 4 Kids	Famous Holiday Poems	Holiday poetry is a tradition that goes back centuries. Discover some of the most enduring holiday poems, from perennial favorites such as "A Visit from St. Nicholas" and "Over the River and Through the Woods" to modern classics and humorous holiday verse.	1,2,3,4	ELA, Poetry
12/13/18	1:10 PM	Poetry Monthly: Holiday Traditions	Kenn Nesbitt's Poetry 4 Kids	Famous Holiday Poems	Holiday poetry is a tradition that goes back centuries. Discover some of the most enduring holiday poems, from perennial favorites such as "A Visit from St. Nicholas" and "Over the River and Through the Woods" to modern classics and humorous holiday verse.	1,2,3,4	ELA, Poetry
12/14/18	11:10 AM	Our Universe	The Dudley Observatory at miSci	A Tour of the Solar System	Our solar system contains a variety of objects from planets to stars to rocky asteroids and snowy comets. In this lesson, we give a brief tour of the solar system, highlighting fun facts about each planet and discussing other interesting objects like dwarf planets and the mysterious Planet 9!	3,4,5,6,7,8	STEM, Science
12/14/18	1:10 PM	Our Universe	The Dudley Observatory at miSci	A Tour of the Solar System	Our solar system contains a variety of objects from planets to stars to rocky asteroids and snowy comets. In this lesson, we give a brief tour of the solar system, highlighting fun facts about	3,4,5,6,7,8	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					each planet and discussing other interesting objects like dwarf planets and the mysterious Planet 9!		
12/17/18	11:10 AM	American History, American Art	Museum of Fine Arts Boston	Art of the American Revolution	Look closely at John Singleton Copley's portraits of the patriot men and women of 18th century Boston and explore history paintings depicting battle scenes from the Revolution. In the post-visit, students delve deeper into Copley's portraits looking for evidence in the paintings and background to figure out what they may have thought or said during their time.	2,3,4,5	History, Art
12/17/18	12:10 PM	The World Around Us: Holiday Traditions	Loic Veyrat, Youth Representative to the United Nations Geneva	Christmas Celebrations in Europe		2,3,4,5	
12/17/18	1:10 PM	American History, American Art	Museum of Fine Arts Boston	Art of the American Revolution	Look closely at John Singleton Copley's portraits of the patriot men and women of 18th century Boston and explore history paintings depicting battle scenes from the Revolution. In the post-visit, students delve deeper into Copley's portraits looking for evidence in the paintings and background to figure out what they may have thought or said during their time.	2,3,4,5	History, Art
12/18/18	12:10 PM	World History, World Art: Holiday Traditions	The Mexic-Arte Museum	Nacimientos: A Mexican Christmas Tradition	Nacimientos (Births) is a Mexican Christmas tradition depicting the nativity scene in an art form of hand crafted figures made from wood, pottery, wax, and flowers to represent the nativity scene in Bethlehem. The scenes are traditional set up on the 16th of December, Baby Jesus added on December 24th, and the three kings on	3,4,5,6,7,8,9,10,11,12	Art, Culture

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					January 5th. These displays can be miniature or life size, each depicting the long time religious tradition of Mexican christianity.		
12/18/18	1:10 PM	World History, World Art: Holiday Traditions	The Mexic-Arte Museum	Nacimientos: A Mexican Christmas Tradition	Nacimientos (Births) is a Mexican Christmas tradition depicting the nativity scene in an art form of hand crafted figures made from wood, pottery, wax, and flowers to represent the nativity scene in Bethlehem. The scenes are traditional set up on the 16th of December, Baby Jesus added on December 24th, and the three kings on January 5th. These displays can be miniature or life size, each depicting the long time religious tradition of Mexican christianity.	3,4,5,6,7,8,9,10,11,12	Art, Culture
12/19/18	11:10 AM	Rocks, Fossils and Dinosaurs	The Cranbrook Institute of Science	Journey to the Center of the Earth	Experience an incredible 4,000 mile journey to the center of the Earth. See the landforms, sediments, rocks, minerals, gems, fossils and the changing conditions that would be encountered along the way. Evaluate how and what we know about the deep structure and origin of our planet, its source of internal heat and magnetic field. Discover how geologists interpret geologic evidence and what the rocks and sediments reveal about Earth System history and the origin of important natural resources.	9,10,11,12	STEM, Earth Sciences
12/19/18	12:10 PM	Rocks, Fossils and Dinosaurs	The Cranbrook Institute of Science	Journey to the Center of the Earth	Experience an incredible 4,000 mile journey to the center of the Earth. See the landforms, sediments, rocks, minerals, gems, fossils and the changing conditions that would be	6,7,8	STEM, Earth Sciences

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					encountered along the way. Evaluate how and what we know about the deep structure and origin of our planet, its source of internal heat and magnetic field. Discover how geologists interpret geologic evidence and what the rocks and sediments reveal about Earth System history and the origin of important natural resources.		
12/19/18	1:10 PM	Rocks, Fossils and Dinosaurs	The Cranbrook Institute of Science	Journey to the Center of the Earth	Experience an incredible 4,000 mile journey to the center of the Earth. See the landforms, sediments, rocks, minerals, gems, fossils and the changing conditions that would be encountered along the way. Evaluate how and what we know about the deep structure and origin of our planet, its source of internal heat and magnetic field. Discover how geologists interpret geologic evidence and what the rocks and sediments reveal about Earth System history and the origin of important natural resources.	4,5	STEM, Earth Sciences
1/7/19	11:10 AM	Video Gaming Series: National Technology Month	Team Kaizen and Ingenium	Part One: The Basic Building Blocks of Video Games	Team KAIZEN shows students how the games they enjoy on their free time are the result of hard work from artists, engineers and entrepreneurs.	6,7,8,9,10, 11,12	STEM, Engineering
1/7/19	1:10 PM	Video Gaming Series: National Technology Month	Team Kaizen and Ingenium	Part One: The Team it Takes to Build a Video Game	Team KAIZEN shows students how the games they enjoy on their free time are the result of hard work from artists, engineers and entrepreneurs.	6,7,8,9,10, 11,12	STEM, Engineering

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
1/9/18	10:10 AM	Science Experiment of the Month	Roper Mountain Science Center	Electric Energy	Experiments in this hair raising program will show how electric energy can be transformed into other kinds of energy and how electricity and magnets are related. Join Roper Mountain Science Center education outreach coordinator for an electrifying demonstration of all that electricity and magnets have in common.	2,3,4,5,6	STEM, Science
1/9/18	11:10 AM	Science Experiment of the Month	Roper Mountain Science Center	Electric Energy	Experiments in this hair raising program will show how electric energy can be transformed into other kinds of energy and how electricity and magnets are related. Join Roper Mountain Science Center education outreach coordinator for an electrifying demonstration of all that electricity and magnets have in common.	2,3,4,5,6	STEM, Science
1/9/19	12:10 PM	Career & College Readiness	Quinta Mazatlan	Environmental Science: Urban Ecologist	Quinta Mazatlan represents something vital that has happened around the country and the world -nature had been pushed out of people's lives as cities have grown and as people have become busier and busier. A science called "Urban Ecology" arose to address the need to re-think what we do in our cities and how we can be a part of the ecosystem, support wildlife that lives beyond, and help maintain a sense of unique place. Meet an "Urban Ecologist" and learn about some of the varied projects they work on.	6,7,8,9,10, 11,12	Career & College Readiness

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
1/10/19	12:10 PM	Adventures in Math	Living Maths	Math problems, puzzles and games: Live from South Africa	Join Mr S as he presents interesting math problems, puzzles and games to stretch the minds of your students. The lessons are interactive and students are required to bring something to write with and something to write on. There will be a large range of problems for the students to work on and the solutions will be presented too. Problems will involve space and shape, logic , creativity, strategy, team work, thinking inside the box, thinking outside the box, thinking with a box on your head and many more types. Some will have numbers and some won't. Some will rely on language while others will rely on your eyes. Be prepared for a few surprises. The content and the problems will vary from lesson to lesson. Mr S teaches a few thousand students every week from K-12 so after 23 years, he has built up a treasure chest of awesome brainteasers. Are you ready!	1,2,3	STEM, Math
1/10/19	1:10 PM	Adventures in Math	Living Maths	Math problems, puzzles and games: Live from South Africa	Join Mr S as he presents interesting math problems, puzzles and games to stretch the minds of your students. The lessons are interactive and students are required to bring something to write with and something to write on. There will be a large range of problems for the students to work on and the solutions will be presented too. Problems will involve space and shape, logic , creativity, strategy, team work, thinking inside the box, thinking outside the box, thinking with a box on your head and many more types. Some will have	4,5,6	STEM, Math

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					numbers and some won't. Some will rely on language while others will rely on your eyes. Be prepared for a few surprises. The content and the problems will vary from lesson to lesson. Mr S teaches a few thousand students every week from K-12 so after 23 years, he has built up a treasure chest of awesome brainteasers. Are you ready!		
1/11/19	11:10 AM	Health and Wellness Monthly	Museum of Health Care at Kingston	Potions Class	In 1900, patent medicines distributed by druggists were sometimes harmful. Participants will brew medicinal potions (based upon real recipes!), analyze advertisements used to sell patent medicines at the turn of the century, and create an advertisement for their own patent medicine.	4,5,6	Health & Wellness
1/11/19	1:10 PM	Health and Wellness Monthly	Museum of Health Care at Kingston	Potions Class	In 1900, patent medicines distributed by druggists were sometimes harmful. Participants will brew medicinal potions (based upon real recipes!), analyze advertisements used to sell patent medicines at the turn of the century, and create an advertisement for their own patent medicine.	4,5,6	Health & Wellness
1/14/19	11:10 AM	World History, World Art	Museum of Fine Arts Boston	Art of India and Southeast Asia	Visit the MFA's Art of South and Southeast Asia galleries to explore the artistic traditions of the region. Looking at ancient sculptures of Hindu and Buddhist deities, students will learn how to identify deities from these traditions while listening to the stories associated with them. The post-visit resource includes a list of contemporary interpretations of these traditions and tales.	4,5,6,7,8	Art, History

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
1/14/19	1:10 PM	World History, World Art	Museum of Fine Arts Boston	Art of India and Southeast Asia	Visit the MFA's Art of South and Southeast Asia galleries to explore the artistic traditions of the region. Looking at ancient sculptures of Hindu and Buddhist deities, students will learn how to identify deities from these traditions while listening to the stories associated with them. The post-visit resource includes a list of contemporary interpretations of these traditions and tales.	4,5,6,7,8	Art, History
1/15/19	10:10 AM	Science Experiment of the Month	Roper Mountain Science Center	Behind the scenes at Symmes Hall – Physical Sciences: I Have the Power	This program will demonstrate the Law of Conservation of Energy, giving students a greater understanding of energy and its relation to the world we live in. Join us as we identify the sources of heat, chemical, and electrical energy and how this energy can be transferred from one form to another. Then experience how powerful this transformation can be!	5,6,7,8	STEM, Science
1/15/19	11:10 AM	Video Gaming Series: National Technology Month	Team Kaizen and Ingenium	Part Two: Video Game Design and Art	Team KAIZEN shows students how video game design is an art form that combines elements of Science, Technology, Engineering and Math.	4,5,6,7,8,9,10,11,12	STEAM
1/15/19	12:10 PM	Science Experiment of the Month	Roper Mountain Science Center	Behind the scenes at Symmes Hall – Physical Sciences: I Have the Power	This program will demonstrate the Law of Conservation of Energy, giving students a greater understanding of energy and its relation to the world we live in. Join us as we identify the sources of heat, chemical, and electrical energy and how this energy can be transferred from one form to another. Then experience how powerful this transformation can be!	5,6,7,8	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
1/15/19	1:10 PM	Video Gaming Series: National Technology Month	Team Kaizen and Ingenium	Part Two: Video Game Design and Art	Team KAIZEN shows students how video game design is an art form that combines elements of Science, Technology, Engineering and Math.	4,5,6,7,8,9,10,11,12	STEAM
1/16/19	11:10 AM	Oceans Alive: Underwater Ecosystems	Mote Marine Laboratory and Aquarium	Sanctuary Reef	Why are coral reefs important? Discover the value of coral reefs to wildlife and how important they are to people too.	6,7,8	STEM, Science
1/16/19	1:10 PM	Oceans Alive: Underwater Ecosystems	Mote Marine Laboratory and Aquarium	Sanctuary Reef	Why are coral reefs important? Discover the value of coral reefs to wildlife and how important they are to people too.	9,10,11,12	STEM, Science
1/17/19	11:10 AM	World History, World Art: History Through Impersonations	The Sheffield Museum	Meet The Medieval King: King Alfred the Great	Visit with King Alfred The Great (849-899) live from his throne in the Kingdom of Wessex (pre-England). Amongst other topics, King Alfred can discuss kingship, law and order, Viking warfare, daily life, religion, and castles. Students and teachers may direct the discussion through their questions. King Alfred will show artifacts and play some live music.	4,5,6,7,8	History
1/17/19	1:10 PM	World History, World Art: History Through Impersonations	The Sheffield Museum	Meet The Medieval King: King Alfred the Great	Visit with King Alfred The Great (849-899) live from his throne in the Kingdom of Wessex (pre-England). Amongst other topics, King Alfred can discuss kingship, law and order, Viking warfare, daily life, religion, and castles. Students and teachers may direct the discussion through their questions. King Alfred will show artifacts and play some live music.	4,5,6,7,8	History

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
1/18/19	12:10 PM	Early Readers: Oceans Alive: Penguin Awareness Day	California Academy of Sciences	SS: Pierre	In this 30-minute program, students read along with an Academy Educator the real life story of Pierre the Penguin by Jean Marzollo. Throughout the reading time, we will pause to make observations, predict what would happen next, and think about how we would help Pierre. After reading the book, the students will dive into our penguin colony via our web cameras. At the end of the program, we will explore what it is like to be a penguin by waddling and swimming like one.	K,1,2	ELA, STEM, Science
1/18/19	1:10 PM	Early Readers: Oceans Alive: Penguin Awareness Day	California Academy of Sciences	SS: Pierre	In this 30-minute program, students read along with an Academy Educator the real life story of Pierre the Penguin by Jean Marzollo. Throughout the reading time, we will pause to make observations, predict what would happen next, and think about how we would help Pierre. After reading the book, the students will dive into our penguin colony via our web cameras. At the end of the program, we will explore what it is like to be a penguin by waddling and swimming like one.	K,1,2	ELA, STEM, Science
1/18/19	2:10 PM	Early Readers: Oceans Alive: Penguin Awareness Day	California Academy of Sciences	SS: Pierre	In this 30-minute program, students read along with an Academy Educator the real life story of Pierre the Penguin by Jean Marzollo. Throughout the reading time, we will pause to make observations, predict what would happen next, and think about how we would help Pierre. After reading the book, the students will dive into our penguin colony via our web cameras. At the end of the program, we will explore	K,1,2	ELA, STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					what it is like to be a penguin by waddling and swimming like one.		
1/22/19	11:10 AM	Video Gaming Series: National Technology Month	Team Kaizen and Ingenium	Part Three: Where Math and Video Games Meet	Team KAIZEN shows students how mathematics can be explored through the world of game design via coding, game testing and business plan writing.	6,7,8	STEAM
1/22/19	1:10 PM	Video Gaming Series: National Technology Month	Team Kaizen and Ingenium	Part Three: Where Math and Video Games Meet	Team KAIZEN shows students how mathematics can be explored through the world of game design via coding, game testing and business plan writing.	6,7,8	STEAM
1/23/19	11:10 AM	Career & College Readiness	The Greenville Zoo	We Built a Zoo	Have you ever wondered what goes into building an exhibit at the zoo? Join us as we explore all the topics that we take into consideration when we build an exhibit. We will even take a trip to see how we transformed an elephant exhibit into an anteater and rhea exhibit!	6,7,8	Career & College Readiness
1/23/19	12:10 PM	Poetry Monthly	Kenn Nesbitt's Poetry 4 Kids	Famous Children's Poets: Lewis Carroll	Lewis Carroll is best known for his Alice in Wonderland books. But he is also one of the most prominent writers of nonsense verse for children. Celebrate his birthday this year by finding out more about his life and poetry.	4,5,6	ELA, Poetry
1/23/19	1:10 PM	Career & College Readiness	The Greenville Zoo	We Built a Zoo	Have you ever wondered what goes into building an exhibit at the zoo? Join us as we explore all the topics that we take into consideration when we build	6,7,8	Career & College Readiness

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					an exhibit. We will even take a trip to see how we transformed an elephant exhibit into an anteater and rhea exhibit!		
1/23/19	2:10 PM	Poetry Monthly	Kenn Nesbitt's Poetry 4 Kids	Famous Children's Poets: Lewis Carroll	Lewis Carroll is best known for his Alice in Wonderland books. But he is also one of the most prominent writers of nonsense verse for children. Celebrate his birthday this year by finding out more about his life and poetry.	4,5,6	ELA, Poetry
1/24/19	11:10 AM	Rocks, Fossils and Dinosaurs	The Royal Tyrrell Museum of Palaeontology	Up Close & Palaeo Jr – Special Focus: Rocks and Fossils	Participants will connect with the Royal Tyrrell Museum of Palaeontology in Alberta, Canada for this interactive and informative Q&A style program. Our knowledgeable Science Educators will introduce the science of palaeontology, with a focused look at the different rock types found in the Canadian Badlands. Explore how the unique stratigraphy helps scientists understand what ancient Alberta's environment was like! The responses are supported by real fossils, topical multimedia, and educational video content	K,1,2,3	STEM, science
1/24/19	1:10 PM	Rocks, Fossils and Dinosaurs	The Royal Tyrrell Museum of Palaeontology	Up Close & Palaeo Jr – Special Focus: Rocks and Fossils	Participants will connect with the Royal Tyrrell Museum of Palaeontology in Alberta, Canada for this interactive and informative Q&A style program. Our knowledgeable Science Educators will introduce the science of palaeontology, with a focused look at the different rock types found in the Canadian Badlands. Explore how the unique stratigraphy helps scientists understand what ancient Alberta's environment was like! The responses are supported by real fossils, topical multimedia, and educational video content.	4,5,6,7,8	STEM, science

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
1/25/19	11:10 AM	Video Gaming Series: National Technology Month	Team Kaizen and Ingenium	Part Four: Where Video Gaming and Physics Meet	Team KAIZEN shows students how user-created content video games such as Sony's LittleBigPlanet can be a fascinating environment to learn about things such as the physics behind thrill rides.	7,8,9,10,11,12	STEAM
1/25/19	12:10 PM	Weather	Mount Washington Observatory	Mountain Meteorology	Mountain weather is subject to rapid changes and extreme conditions. From sudden drops in temperature and changes in visibility to rapid intensification of storms and wind, forecasting weather for the high terrain of the United States can be challenging. In this program we'll discuss the basics of building a forecast for alpine zones across the country and what you can do to stay safe while venturing into these beautiful and forbidding places.	6,7,8	STEM, Science
1/25/19	1:10 PM	Weather	Mount Washington Observatory	Mountain Meteorology	Mountain weather is subject to rapid changes and extreme conditions. From sudden drops in temperature and changes in visibility to rapid intensification of storms and wind, forecasting weather for the high terrain of the United States can be challenging. In this program we'll discuss the basics of building a forecast for alpine zones across the country and what you can do to stay safe while venturing into these beautiful and forbidding places.	3,4,5	STEM, Science
1/25/19	2:10 PM	Video Gaming Series: National Technology Month	Team Kaizen and Ingenium	Part Four: Where Video Gaming and Physics Meet	Team KAIZEN shows students how user-created content video games such as Sony's LittleBigPlanet can be a fascinating environment to learn about things such as the physics behind thrill rides.	7,8,9,10,11,12	STEAM

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
1/28/19	12:10 PM	International: International Holocaust Remembrance Day	Global Education Motivators, a United Nations NGO	Never Again	The Holocaust was the largest genocide in human history, killing an estimated 11 million -17 million people in Europe, plus an additional 5 million – 13 million people in Soviet territories. One of the founding principles of the United Nations was “Never Again”. However, today genocide continues to happen around the world. This program will look at historic genocides, and then focus specifically on the genocide and ethnic cleansing of Sudan and South Sudan.	6,7,8,9,10, 11,12	History, Social Studies
1/29/19	11:10 AM	Career & College Readiness: Video Gaming Series: National Technology Month	Team Kaizen and Ingenium	Part Five: Video Gaming: How it Helps Build Communications and Empathy Skills	Team KAIZEN shows students how understanding art and developing empathy/communication skills is vital to building compelling digital narratives.	6,7,8,9,10, 11,12	STEAM, Career & College Readiness
1/29/19	12:10 PM	Animal Encounters	Royal Botanical Gardens	Spiders and More	What has 8 legs, two body parts and no antennae? Spiders! We’ll have at least one live spider for you to see up close as well as some unusual insects. Discover where they live and how they are adapted to meet their needs. Come with questions.	1,2,3,4,5	STEM, Science
1/29/19	1:10 PM	Career & College Readiness: Video Gaming Series: National	Team Kaizen and Ingenium	Part Five: Video Gaming: How it Helps Build Communications and Empathy Skills	Team KAIZEN shows students how understanding art and developing empathy/communication skills is vital to building compelling digital narratives.	6,7,8,9,10, 11,12	STEAM, Career & College Readiness

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
		Technology Month					
1/30/19	11:10 AM	American History, American Art: The Native American Experience	Ah-Tah-Thi-KI Museum	Seminole Sovereignty	From the Seminole Wars to the modern day, Seminole people have fought for their rights to maintain their culture. Through historic documents, Tribal archaeology, personal stories, and a visit to our newest exhibit "We Are Here: Voices and Hands Making Community Happen," discover this important story of Seminole determination.	9,10,11,12	History
1/30/19	1:10 PM	American History, American Art: The Native American Experience	Ah-Tah-Thi-KI Museum	Seminole Sovereignty	From the Seminole Wars to the modern day, Seminole people have fought for their rights to maintain their culture. Through historic documents, Tribal archaeology, personal stories, and a visit to our newest exhibit "We Are Here: Voices and Hands Making Community Happen," discover this important story of Seminole determination.	9,10,11,12	History
1/31/19	11:10 AM	Career & College Readiness: Video Gaming Series: National Technology Month	Team Kaizen and Ingenium	Part Six: Getting Your Game On: STEM and Careers in the Video Game Industry	Team KAIZEN, Montana's 1st PlayStation Certified Game Studio, walks students through the different career options in the video game industry as well as the Science, Technology, Engineering, Art and Math behind gaming. Through this talk, students will be given the information on how to take their favorite past time and turn it into a viable career path!	4,5,6,7,8,9,10,11,12	STEAM, Career & College Readiness

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
1/31/19	1:10 PM	Career & College Readiness: Video Gaming Series: National Technology Month	Team Kaizen and Ingenium	Part Six: Getting Your Game On: STEM and Careers in the Video Game Industry	Team KAIZEN, Montana's 1st PlayStation Certified Game Studio, walks students through the different career options in the video game industry as well as the Science, Technology, Engineering, Art and Math behind gaming. Through this talk, students will be given the information on how to take their favorite past time and turn it into a viable career path!	4,5,6,7,8,9,10,11,12	STEAM, Career & College Readiness
2/1/19	10:15 AM	Ocean's Alive	Ocean Wise	The Amazon River and Tropical Fresh Waters	Deep in the jungle of South America there is the Amazon River, home to a wide diversity of fresh water marine life. Set in front of a Flooded River ecosystem, students will be amazed and engaged in this unique program all about what lives in tropical fresh water. Living in tropical fresh water is no easy feat, and in this program will focus on the challenges a fish faces when living in tropical fresh water. From Piranhas to Caimans, students will discuss the most renowned species known for tropical rivers, as well as some species they may never have heard of before. In the end, students will be engage in a discussion of how the tropical freshwaters have affected human life, and how humans in turn have affected the rivers. Any questions the students have can be answered by the marine educator, who will guide them on this adventure through the flooded river of the Amazon.	1,2,3,4,5	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
2/1/19	11:15 AM	Ocean's Alive	Ocean Wise	The Amazon River and Tropical Fresh Waters	Deep in the jungle of South America there is the Amazon River, home to a wide diversity of fresh water marine life. Set in front of a Flooded River ecosystem, students will be amazed and engaged in this unique program all about what lives in tropical fresh water. Living in tropical fresh water is no easy feat, and in this program will focus on the challenges a fish faces when living in tropical fresh water. From Piranhas to Caimans, students will discuss the most renowned species known for tropical rivers, as well as some species they may never have heard of before. In the end, students will be engage in a discussion of how the tropical freshwaters have affected human life, and how humans in turn have affected the rivers. Any questions the students have can be answered by the marine educator, who will guide them on this adventure through the flooded river of the Amazon.	1,2,3,4,5	STEM, Science
2/1/19	12:10 PM	American History, American Art: Black History Month	The Delaware Historical Society	The Underground Railroad to Freedom	What was it like to seek freedom on the Underground Railroad? Explore this question and 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.	3,4,5,6,7,8,9,10,11,12	History
2/1/19	1:10 PM	American History, American Art: Black	The Delaware Historical Society	The Underground Railroad to Freedom	What was it like to seek freedom on the Underground Railroad? Explore this question and learn about freedom seekers and the brave men and women, both enslaved and free, who	3,4,5,6,7,8,9,10,11,12	History

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
		History Month			made Delaware and the surrounding region one of the most successful routes to freedom in the years before the Civil War.		
2/4/19	12:10 PM	Career & College Readiness: Weather	Mount Washington Observatory	Careers in Meteorology	Celebrating the birthday of one of America's first weather observers, this program explores what it takes to get the job done from the men and women who live the adventure. On Mt. Washington and elsewhere, meteorologists venture into the elements to measure and record weather data—even when temperatures drop well below zero and winds exceed 100 mph! You'll never think of scientists the same way again!	6,7,8	STEM, Career & College Readiness
2/4/19	1:10 PM	Career & College Readiness: Weather	Mount Washington Observatory	Careers in Meteorology	Celebrating the birthday of one of America's first weather observers, this program explores what it takes to get the job done from the men and women who live the adventure. On Mt. Washington and elsewhere, meteorologists venture into the elements to measure and record weather data—even when temperatures drop well below zero and winds exceed 100 mph! You'll never think of scientists the same way again!	3,4,5	STEM, Career & College Readiness
2/5/19	10:10 AM	American History, American Art	Roper Mountain Science Center	Wagons West	Come with us on a journey along the Oregon Trail! The students will find out what it was really like to travel across the Great Plain, rivers and mountains to finally arrive in Oregon City in family groups. We will examine the motivations and challenges of those who made the journey West.	3,4,5,6	History

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
2/5/19	11:10 AM	Our Universe	Dudley Observatory at miSci	Black Holes and Gravitational Waves	In 2016, astronomers announced the very first discovery of gravitational waves created by two black holes colliding. But, what exactly are black holes? And how do they makes waves when they collide? And how do we “see” these waves on Earth? Join us for a discussion about this momentous discovery and how gravitational waves will open up new realms of astronomical exploration.	6,7,8,9,10, 11,12	STEM, Science
2/5/19	12:10 PM	American History, American Art	Roper Mountain Science Center	Wagons West	Come with us on a journey along the Oregon Trail! The students will find out what it was really like to travel across the Great Plain, rivers and mountains to finally arrive in Oregon City in family groups. We will examine the motivations and challenges of those who made the journey West.	6,7,8	History
2/5/19	1:10 PM	Our Universe	Dudley Observatory at miSci	Black Holes and Gravitational Waves	In 2016, astronomers announced the very first discovery of gravitational waves created by two black holes colliding. But, what exactly are black holes? And how do they makes waves when they collide? And how do we “see” these waves on Earth? Join us for a discussion about this momentous discovery and how gravitational waves will open up new realms of astronomical exploration.	6,7,8,9,10, 11,12	STEM, Science
2/6/19	12:10 PM	International: Chinese New Year 2019	Huan Zhang	Exploring Cultural Identity While Being a Global Citizen	Presenter Huan Zhang comes from Xin Jian, in Northwest China. Life in the United States is an exciting and refreshing experience. It also draws a strong contrast to life in her hometown. Being in the United States has made her more interested in her own culture, as she also embraces her life in the	8,9,10,11, 12	Social Studies

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					United States. This duality is especially sharp on major holidays, including Chinese New Year (Spring Festival), Mid-Autumn Festival, and Yuen Xiao Jin (Lantern Festival). How do global citizens make the most of life in the United States, but still main a strong connection to home cultures? How do we honor new traditions while holding onto our history?		
2/7/19	12:10 PM	Animal Encounters	California Academy of Sciences	Spot that Bird	In this 45 minute program, students will build skills for spotting birds. Through observation, students will identify unique bird adaptations and feeding strategies in a variety of habitats. They will take a closer look at some of the Academy's bird collections! Students will then create bird field notebooks modeled on journals from Academy scientists! In no time, students will notice birds and their behaviors in their own backyards or right outside the schoolyard.	3,4,5,6,7,8	STEM, Science
2/7/19	1:10 PM	Animal Encounters	California Academy of Sciences	Spot that Bird	In this 45 minute program, students will build skills for spotting birds. Through observation, students will identify unique bird adaptations and feeding strategies in a variety of habitats. They will take a closer look at some of the Academy's bird collections! Students will then create bird field notebooks modeled on journals from Academy scientists! In no time, students will notice birds and their behaviors in their own backyards or right outside the schoolyard.	3,4,5,6,7,8	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
2/7/19	2:00 PM	Science Experiment of the Month	Fizzics Education	Live from Australia: All About Heat	Your classroom heats up as we explore how heat is propagated through a variety of materials, plus how we harness heat for our own use. Learn how convection drives ocean currents and atmospheric processes. Look at chemical reactions; some release heat and others absorb heat....and more!	3,4,5,6,7	STEM, Science
2/8/19	11:10 AM	Health and Wellness Monthly	Museum of Health Care at Kingston	Health Care in Early Civilizations	Take an eye-opening trip back in time to explore disease, medicine, and health care in early civilizations. After an exciting introduction, students create sculptures inspired by ancient Greek temple offerings and customize a medical papyrus based upon ancient Egyptian cures.	4,5,6	Health & Wellness, History
2/8/19	12:10 PM	Poetry Monthly	Kenn Nesbitt's Poetry 4 Kids	How to Write 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.	3,4,5	ELA, Poetry
2/8/19	1:10 PM	Health and Wellness Monthly	Museum of Health Care at Kingston	Health Care in Early Civilizations	Take an eye-opening trip back in time to explore disease, medicine, and health care in early civilizations. After an exciting introduction, students create sculptures inspired by ancient Greek temple offerings and customize a medical papyrus based upon ancient Egyptian cures.	4,5,6	Health & Wellness, History
2/8/19	2:10 PM	Poetry Monthly	Kenn Nesbitt's Poetry 4 Kids	How to Write 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.	3,4,5	ELA, Poetry

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
2/11/19	11:10 AM	Early Readers: American History & Government	Museum of Fine Arts Boston	Native American Art	An MFA educator will introduce the book, <i>The Goat in the Rug</i> , by Charles L. Blood and Martin Link, illustrated by Nancy Winslow Parker, the story of a Navajo weaver and her goat as they prepare to weave a rug. Explore examples of Navajo (Dine) weaving by looking at a 21st-century belt created to complete a 19th-century Navajo dress on view in the MFA's exhibition "Collecting Stories: Native American Art." The post-visit resource includes a video with contemporary Navajo weaver, D. Y. Begay, talking about the belt she created to complete the MFA's 19th-century Navajo dress.	1,2	ELA, Art
2/11/19	1:10 PM	Early Readers: American History & Government	Museum of Fine Arts Boston	Native American Art	An MFA educator will introduce the book, <i>The Goat in the Rug</i> , by Charles L. Blood and Martin Link, illustrated by Nancy Winslow Parker, the story of a Navajo weaver and her goat as they prepare to weave a rug. Explore examples of Navajo (Dine) weaving by looking at a 21st-century belt created to complete a 19th-century Navajo dress on view in the MFA's exhibition "Collecting Stories: Native American Art." The post-visit resource includes a video with contemporary Navajo weaver, D. Y. Begay, talking about the belt she created to complete the MFA's 19th-century Navajo dress.	1,2	ELA, Art
2/12/19	12:10 PM	Our Environment	Royal Botanical Gardens	Good Things Come in Trees	Did you eat or use a plant today? No? Think again – what did you eat for breakfast? Did you brush your teeth? Did you travel to school by bus, car or bike? Let's find out how many plants and their parts we rely upon.	4,5,6,7,8	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
2/13/19	11:10 AM	American History & Government: History Through Impersonations	The Sheffield Museum	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.	4,5,6,7,8	History
2/13/19	1:10 PM	American History & Government: History Through Impersonations	The Sheffield Museum	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.	4,5,6,7,8	History
2/20/19	12:10 PM	Engineering Week	Two Bit Circus Foundation	Project Eco-Vehicle	Put on your creativity hats as we walk your class through the engineering design process to creating your very own Eco-Vehicle. Challenge your students to bring in to the classroom recycled materials from home that can best be used for construction. We will take your class through the design and planning phase before they complete their creations. We can't wait to see the results.	3,4,5	STEAM
2/20/19	1:10 PM	Engineering Week	Two Bit Circus Foundation	Project Eco-Vehicle	Put on your creativity hats as we walk your class through the engineering design process to creating your very own Eco-Vehicle. Challenge your students to bring in to the classroom	3,4,5	STEAM

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					recycled materials from home that can best be used for construction. We will take your class through the design and planning phase before they complete their creations. We can't wait to see the results.		
2/21/19	10:10 AM	Animal Encounters	Roper Mountain Science Center	Behind the Scenes- Reptiles and Amphibians	Reptile-Fest. Join us in our Rainforest as we examine the differences and similarities between reptiles and amphibians. We will talk about life cycles and investigate a few animals that call Roper Mountain Science Center home.	2,3,4	STEM, Science
2/21/19	11:10 AM	Animal Encounters	Roper Mountain Science Center	Behind the Scenes- Reptiles and Amphibians	Reptile-Fest. Join us in our Rainforest as we examine the differences and similarities between reptiles and amphibians. We will talk about life cycles and investigate a few animals that call Roper Mountain Science Center home.	2,3,4	STEM, Science
2/22/19	12:10 PM	Adventures in Math	Living Maths	Math problems, puzzles and games: Live from South Africa	Join Mr S as he presents interesting math problems, puzzles and games to stretch the minds of your students. The lessons are interactive and students are required to bring something to write with and something to write on. There will be a large range of problems for the students to work on and the solutions will be presented too. Problems will involve space and shape, logic , creativity, strategy, team work, thinking inside the box, thinking outside the box, thinking with a box on your head and many more types. Some will have numbers and some won't. Some will rely on language while others will rely on your eyes. Be prepared for a few surprises. The content and the	1,2,3	STEM, Math

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					problems will vary from lesson to lesson. Mr S teaches a few thousand students every week from K-12 so after 23 years, he has built up a treasure chest of awesome brainteasers. Are you ready!		
2/22/19	1:10 PM	Adventures in Math	Living Maths	Math problems, puzzles and games: Live from South Africa	Join Mr S as he presents interesting math problems, puzzles and games to stretch the minds of your students. The lessons are interactive and students are required to bring something to write with and something to write on. There will be a large range of problems for the students to work on and the solutions will be presented too. Problems will involve space and shape, logic , creativity, strategy, team work, thinking inside the box, thinking outside the box, thinking with a box on your head and many more types. Some will have numbers and some won't. Some will rely on language while others will rely on your eyes. Be prepared for a few surprises. The content and the problems will vary from lesson to lesson. Mr S teaches a few thousand students every week from K-12 so after 23 years, he has built up a treasure chest of awesome brainteasers. Are you ready!	4,5,6	STEM, Math
2/25/19	11:10 AM	Animal Encounters	The Greenville Zoo	Animal Kingdom	Students will compare invertebrates to vertebrates, with an emphasis on the 5 vertebrate classes.	6,7,8	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
2/25/19	1:10 PM	Animal Encounters	The Greenville Zoo	Animal Kingdom	Students will compare invertebrates to vertebrates, with an emphasis on the 5 vertebrate classes.	6,7,8	STEM, Science
2/26/19	11:10 AM	American History, American Art: Black History Month	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 American people 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 American people—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. What choices did people make? What dangers did they face?	6,7,8,9,10, 11,12	History
2/26/19	1:10 PM	American History, American Art: Black History Month	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 American people 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 American people—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. What choices	6,7,8,9,10, 11,12	History

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					did people make? What dangers did they face?		
2/27/19	12:10 PM	International: World NGO Day	Global Education Motivators, a United Nations NGO	The World of Non-Governmental Organizations	This is a day to celebrate the amazing, and often difficult, work that NGOs (Non-Governmental Organizations) do around the world. From curing disease, to feeding refugees, NGOs are the backbone of civil society's efforts to improve our planet and the lives of those living on it. In this program, participants will hear from Zayn Abakil in Casablanca, Morocco, co-founder of the Dounia Project. She will talk about her work with UNICEF, and how that prepared her to create her own NGO, whose mission is to create a safe and nurturing space where youth from different urban areas around the world can participate in a set of extracurricular activities during school and non-school hours, which will allow them to develop the necessary skills to compete in an increasingly globalized world.	6,7,8,9,10,11,12	History, Social Studies
2/28/19	12:10 PM	Animal Encounters	The Center for Birds of Prey	World of Vultures	Join us for a look at the fascinating and fragile world of vultures. We'll get up close and personal with an American Black Vulture and learn about the plight of Africa's critically endangered Hooded Vulture. See for yourself why ornithologists since John James Audubon have been curious about the olfactory ability of the Turkey Vulture. Finally, visit the Center for	4,5,6,7,8,9	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					Birds of Prey's "Vulture Restaurant" to see wild vultures and even perhaps a Bald Eagle as they feed on carrion. You'll learn about the causes and consequences of vulture declines in Africa and Asia and gain an appreciation for the important role vultures play as one of our most efficient and valuable scavengers.		
2/28/19	1:10 PM	Animal Encounters	The Center for Birds of Prey	World of Vultures	Join us for a look at the fascinating and fragile world of vultures. We'll get up close and personal with an American Black Vulture and learn about the plight of Africa's critically endangered Hooded Vulture. See for yourself why ornithologists since John James Audubon have been curious about the olfactory ability of the Turkey Vulture. Finally, visit the Center for Birds of Prey's "Vulture Restaurant" to see wild vultures and even perhaps a Bald Eagle as they feed on carrion. You'll learn about the causes and consequences of vulture declines in Africa and Asia and gain an appreciation for the important role vultures play as one of our most efficient and valuable scavengers.	4,5,6,7,8,9	STEM, Science
3/1/19	11:10 AM	Poetry Monthly	Kenn Nesbitt's Poetry4Kids	Famous Children's Poets – 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.	1,2,3,4	ELA, Poetry
3/1/19	12:10 PM	Poetry Monthly	Kenn Nesbitt's Poetry4Kids	Famous Children's Poets – 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.	1,2,3,4	ELA, Poetry
3/1/19	1:10 PM	Poetry Monthly	Kenn Nesbitt's Poetry4Kids	Famous Children's	On the birthday of the most well-known American children's author, you'll learn	1,2,3,4	ELA, Poetry

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
				Poets – Dr. Seuss	all about who Dr. Seuss was and how he changed children’s books forever.		
3/4/19	11:10 AM	Early Readers: Read Across America Day	Author Lese Dunton	What is Your Mission? A reading of Charlotte's New York Adventure	This book is about girl in a bad mood who gets transformed after walking around New York City with her father. Charlotte travels into a new future - a life of creativity, friendship, and a secret mission. A superhero with many talents, she even teams up with the Statue of Liberty and the Angel in Central Park. Will they enlighten the world? The program explores the magical inspiration of New York City as seen through the eyes of a courageous girl. With Charlotte as our guide, we'll join her as she drives across the George Washington Bridge, flies over the treetops of Central Park, works in her office next to the Chrysler Building, walks the steps of The New York Public Library, takes a break on the wings of the Angel at Bethesda Fountain (“Angel Beth”) and makes friends with the Statue of Liberty (“Green Lady”). Themes: learning about the fun of New York City and why it’s great for adventures and success. Also shows the concepts of self-confidence, doing what you really love to do, imagination, friendship, helping others, and the positive influences of your environment.	1,2,3,4	ELA

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
3/4/19	12:00 PM	Early Readers: Read Across America Day	Author Lese Dunton	What is Your Mission? A reading of Charlotte's New York Adventure	This book is about girl in a bad mood who gets transformed after walking around New York City with her father. Charlotte travels into a new future - a life of creativity, friendship, and a secret mission. A superhero with many talents, she even teams up with the Statue of Liberty and the Angel in Central Park. Will they enlighten the world? The program explores the magical inspiration of New York City as seen through the eyes of a courageous girl. With Charlotte as our guide, we'll join her as she drives across the George Washington Bridge, flies over the treetops of Central Park, works in her office next to the Chrysler Building, walks the steps of The New York Public Library, takes a break on the wings of the Angel at Bethesda Fountain ("Angel Beth") and makes friends with the Statue of Liberty ("Green Lady"). Themes: learning about the fun of New York City and why it's great for adventures and success. Also shows the concepts of self-confidence, doing what you really love to do, imagination, friendship, helping others, and the positive influences of your environment.	1,2,3,4	ELA
3/4/19	1:10 PM	Early Readers: Read Across America Day	Author Lese Dunton	Charlotte's New York Adventure: A Meeting in Midtown (Book 2 in the series)	Charlotte and her team go on secret missions all over the New York. With Charlotte's leadership, they transform the lives of everyone they meet. It's great that the Angel of Central Park can help change people's feelings, and the Statue of Liberty can shift their thoughts with a flick of her torch, but what will	1,2,3,4	ELA

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					happen when the world leaders come to town?		
3/4/19	2:00 PM	Early Readers: Read Across America Day	Author Lese Dunton	Charlotte's New York Adventure: A Meeting in Midtown (Book 2 in the series)	Charlotte and her team go on secret missions all over the New York. With Charlotte's leadership, they transform the lives of everyone they meet. It's great that the Angel of Central Park can help change people's feelings, and the Statue of Liberty can shift their thoughts with a flick of her torch, but what will happen when the world leaders come to town?	1,2,3,4	ELA
3/5/19	11:10 AM	Career & College Readiness: Rocks, Fossils and Dinosaurs	The Royal Tyrrell Museum of Palaeontology	Museum at Work	In Museum at Work, students will communicate with seasoned professionals to discuss career-based fundamentals; resume building, interviewing tips, and best practices when working in a team environment. Participants will learn about the variety of dynamic careers found in a museum setting with stories and insights from senior Museum staff.	7,8,9,10,11,12	Career & College Readiness
3/5/19	12:10 PM	Weather	Mount Washington Observatory	Alpine Zone Adaptations	Journey to a strange and distant land where temperatures fall well below freezing, winds whip at hurricane force and even trees cannot survive. Learn about the specialized technology our scientists use to study this delicate yet dangerous environment, along with the unique adaptations that animals and plants use to survive in the heart of the Alpine Zone.	6,7,8	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
3/5/19	1:10 PM	Weather	Mount Washington Observatory	Alpine Zone Adaptations	Journey to a strange and distant land where temperatures fall well below freezing, winds whip at hurricane force and even trees cannot survive. Learn about the specialized technology our scientists use to study this delicate yet dangerous environment, along with the unique adaptations that animals and plants use to survive in the heart of the Alpine Zone.	3,4,5	STEM, Science
3/7/19	11:10 AM	Rocks, Fossils, and Dinosaurs	The Wyoming Dinosaur Center & Dig Sites	Prehistoric Wyoming	Many of the most amazing dinosaurs ever discovered lived in prehistoric Wyoming - and paleontologists can piece together their stories from the fossils they left behind.	3,4,5	STEM, Science
3/7/19	1:10 PM	Rocks, Fossils, and Dinosaurs	The Wyoming Dinosaur Center & Dig Sites	Prehistoric Wyoming	Dinosaurs lived in Wyoming for millions of years, and paleontologists can use their fossil remains to reconstruct their skeletons, their behavior, and the world they ruled.	6,7,8	STEM, Science
3/7/19	2:00 PM	Science Experiment of the Month	Fizzics Education	Live from Australia: Kitchen Chemistry	Find out about the science that can be found in your own kitchen as students run hands-on science investigations in chemistry. Designed to cover a broad range of chemical concepts that is accessible to primary students: kitchen chemistry found at home, physical changes vs. chemical reactions, acids vs. bases and indicators to detect them	2,3,4,5,6	STEM, Science
3/8/19	11:10 AM	American History, American Art: Harriet Tubman Day	The Delaware Historical Society	The Underground Railroad to Freedom	What was it like to seek freedom on the Underground Railroad? Explore this question and 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.	3,4,5,6,7,8,9,10,11,12	History

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
3/8/19	12:10 PM	International: International Women's Day	Global Education Motivators, a United Nations NGO	How International Women's Day is Celebrated Around the World	International Women's Day (IWD) has been observed since in the early 1900's - a time of great expansion and turbulence in the industrialized world that saw booming population growth and the rise of radical ideologies. International Women's Day is a collective day of global celebration and a call for gender parity. While this day is celebrated globally, it has little attention in the United States. In this program we will highlight how International Women's Day is celebrated around the world and examine women who are making a difference in our world.	6,7,8,9,10	History, Social Studies
3/8/19	1:10 PM	American History, American Art: Harriet Tubman Day	The Delaware Historical Society	The Underground Railroad to Freedom	What was it like to seek freedom on the Underground Railroad? Explore this question and 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.	3,4,5,6,7,8,9,10,11,12	History
3/11/19	11:10 AM	World History, World Art	Museum of Fine Arts Boston	Place as Artists' Influence in American Art	Students will visit the MFA's Art of the Americas galleries to explore mid-20th Century American paintings to see how the places and communities in which artists work can inspire and influence their work.	3,4,5	Art, History
3/11/19	1:10 PM	World History, World Art	Museum of Fine Arts Boston	Place as Artists' Influence in American Art	Students will visit the MFA's Art of the Americas galleries to explore mid-20th Century American paintings to see how the places and communities in which artists work can inspire and influence their work.	3,4,5	Art, History

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
3/13/19	12:10 PM	Career & College Readiness: Animal Encounters	The Greenville Zoo	Careers with Animals	Students will discover educational opportunities, salary ranges and ideas on how to start planning for an exciting job they may not have considered.	6,7,8	Career & College Readiness
3/14/19	12:10 PM	Adventures in Math	Living Maths	Math problems, puzzles and games: Live from South Africa	Join Mr S as he presents interesting math problems, puzzles and games to stretch the minds of your students. The lessons are interactive and students are required to bring something to write with and something to write on. There will be a large range of problems for the students to work on and the solutions will be presented too. Problems will involve space and shape, logic , creativity, strategy, team work, thinking inside the box, thinking outside the box, thinking with a box on your head and many more types. Some will have numbers and some won't. Some will rely on language while others will rely on your eyes. Be prepared for a few surprises. The content and the problems will vary from lesson to lesson. Mr S teaches a few thousand students every week from K-12 so after 23 years, he has built up a treasure chest of awesome brainteasers. Are you ready!	1,2,3	STEM, Math
3/14/19	1:10 PM	Adventures in Math	Living Maths	Math problems, puzzles and games: Live from South Africa	Join Mr S as he presents interesting math problems, puzzles and games to stretch the minds of your students. The lessons are interactive and students are required to bring something to write with and something to write on. There will be a large range of problems for the students to work on and the solutions will be presented too. Problems will	4,5,6	STEM, Math

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					involve space and shape, logic , creativity, strategy, team work, thinking inside the box, thinking outside the box, thinking with a box on your head and many more types. Some will have numbers and some won't. Some will rely on language while others will rely on your eyes. Be prepared for a few surprises. The content and the problems will vary from lesson to lesson. Mr S teaches a few thousand students every week from K-12 so after 23 years, he has built up a treasure chest of awesome brainteasers. Are you ready!		
3/15/19	1:10 PM	International: Current Events: Civil War in Syria	Global Education Motivators, a United Nations NGO	The Anniversary of the Start of the Civil War in Syria	March 15, 2018 will mark the 7th anniversary of the war in Syria. As of March 2017, 5 million people have fled Syria, with another 6 million+ people internally displaced within Syria. This program will look at the life of one refugee, Youssef Abbara. He will tell his personal, first hand experiences of living in Syria during wartime, and the challenges of building a new life in different countries as a displaced person. He will share what his life was like in Syria prior to the war, and offer a stark comparison of how his life has changed. He will also speak about his experience working with Syrian refugee children working on the streets of Lebanon after fleeing their home country.	6,7,8,9,10, 11,12	History, Social Studies

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
3/18/19	12:10 PM	Career & College Readiness: Oceans Alive	Seacoast Science Center	Wavy Work: Careers in Marine Sciences	Join Seacoast Science Center staff members to learn about three options for careers in marine science. Hear from one of our Marine Science Educators as they describe an average day at the science center and talk about why education is key to promoting ocean health. Then learn what it takes to keep fish and other sea creatures healthy and safe in an aquarium environment with one of our Aquarists. Finally, meet one of our Marine Mammal Rescue Team members, as they share how they save stranded dolphins, monitor seal health, and rehabilitate sick or injured animals. A question-and-answer session at the end will give participants a chance to interact and ask specific questions. This program will give anyone interested in a future career in marine science an up-close and personal view of real career options.	5,6,7,8,9,10,11,12	Career & College Readiness
3/21/19	12:10 PM	Weather	California Academy of Sciences	Let's Talk About Weather and Climate	In this 45 minute program, students will practice observing and identifying patterns that meteorologists used to make weather predictions. They then will put these skills to use to make their own forecasts! Building on their ideas of weather as climatologists, students will make observations on weather conditions and the extent to which those conditions vary over time. Through this exploration, students will obtain and integrate information to describe climates in different regions. This programs was designed to be interactive! Students will have the	4,5,6,7,8	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					opportunity to ask Academy science educators about regarding making observations, predictions, and much more.		
3/21/19	1:10 PM	Weather	California Academy of Sciences	Let's Talk About Weather and Climate	In this 45 minute program, students will practice observing and identifying patterns that meteorologists used to make weather predictions. They then will put these skills to use to make their own forecasts! Building on their ideas of weather as climatologists, students will make observations on weather conditions and the extent to which those conditions vary over time. Through this exploration, students will obtain and integrate information to describe climates in different regions. This programs was designed to be interactive! Students will have the opportunity to ask Academy science educators about regarding making observations, predictions, and much more.	4,5,6,7,8	STEM, Science
3/26/19	10:10 AM	Animal Encounters	Roper Mountain Science Center	Amazing Animals	We invite you to join our team at Roper Mountain as we work together to develop a new animal classification display exhibit! Students will observe amazing animals, make observations about the animals, and use them to classify each animal based on its characteristics.	3,4,5,6	STEM, Science
3/26/19	11:10 AM	Animal Encounters	Roper Mountain	Amazing Animals	We invite you to join our team at Roper Mountain as we work together to develop a new animal classification	3,4,5,6	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
			Science Center		display exhibit! Students will observe amazing animals, make observations about the animals, and use them to classify each animal based on its characteristics.		
3/28/19	10:10 AM	Animal Encounters	Roper Mountain Science Center	Animal Habitat Explorers	Come on a walk around Roper Mountain Science center with us as we observe animal habitats in nature. We will focus on evidence of animals within nature as we take a walk around the mountain.	K,1,2,3	STEM, Science
3/28/19	11:10 AM	Animal Encounters	Roper Mountain Science Center	Animal Habitat Explorers	Come on a walk around Roper Mountain Science center with us as we observe animal habitats in nature. We will focus on evidence of animals within nature as we take a walk around the mountain.	K,1,2,3	STEM, Science
4/1/19	11:10 AM	Poetry Monthly	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.	2,3,4,5,6	ELA, Poetry
4/1/19	1:10 PM	Poetry Monthly	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.	2,3,4,5,6	ELA, Poetry
4/2/19	12:10 PM	Health & Wellness: World Autism Awareness Day	Huan Zhang	Understanding Autism	This program will look at the support systems that can affect autistic children's well-being – from schools, teachers, friends, classmates, family members, and neighbors. What can we do as individuals to create a more inclusive society? How can we be more understanding of the needs, abilities, and capabilities of people on the autism spectrum? Presenter Huan Zhang is developing an app called Special Circle	6,7,8,9,10	Civics, Health & Wellness

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					for parents, therapists, and doctors to connect to share progress, setbacks, and health of children with autism. Ms Zhang has a MS in Psychology and a BA in Psychology. Child Advocate, GEM United Nation Youth Representative and Entrepreneur		
4/3/19	11:10 AM	Rocks, Fossils and Dinosaurs	The Royal Tyrrell Museum of Palaeontology	Up Close & Palaeo Jr – Special Focus: Ancient Insects	Participants will connect with the Royal Tyrrell Museum of Palaeontology in Alberta, Canada for this interactive and informative Q&A style program. Our knowledgeable Science Educators will introduce the science of palaeontology, with a focus on ancient insects. Get an up-close look at fossilized insects trapped in ancient amber – just like in Jurassic Park! The responses are supported by real fossils, topical multimedia, and educational video content.	K,1,2,3,4,5,6	STEM, Science
4/4/19	11:10 AM	Our Environment : Earth Month	Sea Turtle. Inc.	Trash Free- No Debris	This program outlines the dangers of marine debris to our ocean community and emphasizes the importance of picking up trash and keeping our beaches clean. Program includes live visits from some of our sea turtle patients affected by marine debris in their environment.	6,7,8,9,10,11,12	STEM, Science, Sustainability
4/4/19	12:10 PM	Adventures in Math	Living Maths	Math problems, puzzles and games: Live from South Africa	Join Mr S as he presents interesting math problems, puzzles and games to stretch the minds of your students. The lessons are interactive and students are required to bring something to write with and something to write on. There will be a large range of problems for the students to work on and the solutions will be presented too. Problems will involve space and shape, logic ,	1,2,3	STEM, Math

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					creativity, strategy, team work, thinking inside the box, thinking outside the box, thinking with a box on your head and many more types. Some will have numbers and some won't. Some will rely on language while others will rely on your eyes. Be prepared for a few surprises. The content and the problems will vary from lesson to lesson. Mr S teaches a few thousand students every week from K-12 so after 23 years, he has built up a treasure chest of awesome brainteasers. Are you ready!		
4/4/19	1:10 PM	Our Environment : Earth Month	Sea Turtle, Inc.	Trash Free- No Debris	This program outlines the dangers of marine debris to our ocean community and emphasizes the importance of picking up trash and keeping our beaches clean. Program includes live visits from some of our sea turtle patients affected by marine debris in their environment.	6,7,8,9,10, 11,12	STEM, Science, Sustainability
4/4/19	2:10 PM	Adventures in Math	Living Maths	Math problems, puzzles and games: Live from South Africa	Join Mr S as he presents interesting math problems, puzzles and games to stretch the minds of your students. The lessons are interactive and students are required to bring something to write with and something to write on. There will be a large range of problems for the students to work on and the solutions will be presented too. Problems will involve space and shape, logic , creativity, strategy, team work, thinking inside the box, thinking outside the box, thinking with a box on your head and many more types. Some will have numbers and some won't. Some will rely on language while others will rely	4,5,6	STEM, Math

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					on your eyes. Be prepared for a few surprises. The content and the problems will vary from lesson to lesson. Mr S teaches a few thousand students every week from K-12 so after 23 years, he has built up a treasure chest of awesome brainteasers. Are you ready!		
4/5/19	11:10 AM	Our Universe	Dudley Observatory at miSci	Observing into the Night Sky - Constellation Tour	A dark and starry sky is a beautiful sight. With some practice, you can learn to spot constellations, planets, star clusters and even other galaxies with just your eyes! In this lesson we will explore different free online tools that will show you what's in the sky tonight, and cover some tips and tricks for finding popular constellations. We'll also show you how to spot the International Space Station- no telescopes required! (Note: this class is intended for people in the Northern Hemisphere)	K,1,2,3,4,5,6,7,8,9,10,11,12	STEM, Science
4/5/19	1:10 PM	Our Universe	Dudley Observatory at miSci	Observing into the Night Sky - Constellation Tour	A dark and starry sky is a beautiful sight. With some practice, you can learn to spot constellations, planets, star clusters and even other galaxies with just your eyes! In this lesson we will explore different free online tools that will show you what's in the sky tonight, and cover some tips and tricks for finding popular constellations. We'll also show you how to spot the International Space Station- no telescopes required! (Note: this class is intended for people in the Northern Hemisphere)	K,1,2,3,4,5,6,7,8,9,10,11,12	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
4/8/19	11:10 AM	World History, World Art	Museum of Fine Arts Boston	Art of Medieval and Renaissance Europe	Visit the MFA's Art of Europe galleries to explore medieval and renaissance paintings while considering the major changes in style and technology of these periods and how they influenced art making. The Post-activity allows students to continue exploring by recreating an artwork from the MFA's collection of Medieval and Renaissance art using the technology of their time, photography.	6,7,8	History, Art
4/8/19	1:10 PM	World History, World Art	Museum of Fine Arts Boston	Art of Medieval and Renaissance Europe	Visit the MFA's Art of Europe galleries to explore medieval and renaissance paintings while considering the major changes in style and technology of these periods and how they influenced art making. The Post-activity allows students to continue exploring by recreating an artwork from the MFA's collection of Medieval and Renaissance art using the technology of their time, photography.	6,7,8	History, Art
4/9/19	11:10 AM	Our Environment : Earth Month	The Greenville Zoo	Everybody Needs a Home	Nests, burrows, a pile of rocks... every animal needs a home, but how do they find one?	K,1,2	STEM, Science, Sustainability
4/9/19	12:10 PM	Our Environment : Earth Month	Royal Botanical Gardens	Chocolate: From Treasure to Treat	How much cacao is really in your chocolate bar? From cacao to chocolate - rainforest treasure to delicious treat. After discovering the ecology of cacao and its role in rainforest ecosystems, we'll explore how this tasty treat was (and still is) harvested and processed since the time of the Mayans.	4,5,6,7	Science, History
4/9/19	1:10 PM	Our Environment	The Greenville Zoo	Everybody Needs a Home	Nests, burrows, a pile of rocks... every animal needs a home, but how do they find one?	K,1,2	STEM, Science, Sustainability

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
		: Earth Month					
4/10/19	11:10 AM	Rocks, Fossils and Dinosaurs	The Royal Tyrrell Museum of Palaeontology	Up Close and Palaeo Jr. Special Focus: Extinction	Participants will connect with the Royal Tyrrell Museum of Palaeontology in Alberta, Canada for this interactive and informative Q&A style program. During the first half of the program one of our experts will summarize the big 5 extinctions in Earth's history, with a focus on the extinction of the dinosaurs. In the second half of the program the participants will be able to ask questions in the chat window and a variety of fossils, images, video clips, will be used to support our answers.	4,5,6,7,8,9,10,11,12	STEM, Science
4/11/19	11:10 AM	American History, American Art: Native American Arts	Ah-Tah-Thi-Ki Museum	Seminole Arts	From the pottery in our archaeological collection to modern day paintings, and from traditional camp life to the tourist trade, art pervades all aspects of Seminole life. See examples of Seminole art from our collection, listen to poetry and music performed by Tribal members, and meet modern day Seminole artists on camera! Discover the many ways in which art reflects Seminole culture during this program.	4,5,6	History, Art
4/11/19	12:10 PM	American History, American Art: Native American Arts	Ah-Tah-Thi-Ki Museum	Seminole Arts	From the pottery in our archaeological collection to modern day paintings, and from traditional camp life to the tourist trade, art pervades all aspects of Seminole life. See examples of Seminole art from our collection, listen to poetry and music performed by Tribal members, and meet modern day Seminole artists on camera! Discover the many ways in which art reflects Seminole culture during this program.	4,5,6	History, Art

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
4/12/19	11:10 AM	Our Environment : Earth Month	Quinta Mazatlan	Pollinator Garden Habitat - Attract Birds and Butterflies and Support our Ecosystem	The connection between plants and animals is something we all learn about in school. Many people can take tests, pass tests and memorize the facts about the lifecycle of a butterfly, or the food chain and food web. But for some reason, an understanding of the relationship between insects and plants does not seem to sink in. Thus lesson works to explain why it matters to plant natives in a garden and it hopes to inspire YOU to "take action".	3,4,5	STEM, Science, Sustainability
4/12/19	12:10 PM	Our Environment : Earth Month	Quinta Mazatlan	Pollinator Garden Habitat - Attract Birds and Butterflies and Support our Ecosystem	The connection between plants and animals is something we all learn about in school. Many people can take tests, pass tests and memorize the facts about the lifecycle of a butterfly, or the food chain and food web. But for some reason, an understanding of the relationship between insects and plants does not seem to sink in. Thus lesson works to explain why it matters to plant natives in a garden and it hopes to inspire YOU to "take action".	3,4,5	STEM, Science, Sustainability
4/12/18	2:00 PM	Science Experiment of the Month	Fizzics Education	Live from Australia: Magnets and More	Investigate magnets and how they operate in our lives. See powerful electromagnets, learn how the Earth's magnetic field protects us as well as how magnetic fields can be harnessed to produce electricity and even levitate! You'll also learn how to make a simple compass from household materials.	2,3,4,5,6	STEM, Science
4/15/19	11:10 AM	Animal Encounters	The Center for Birds of Prey	Captive Propagation and Spring 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	3,4,5,6,7	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					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.		
4/15/19	12:10 PM	Animal Encounters	The Center for Birds of Prey	Captive Propagation and Spring 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.	3,4,5,6,7	STEM, Science
4/15/19	1:10 PM	Animal Encounters	The Center for Birds of Prey	Captive Propagation and Spring 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.	3,4,5,6,7	STEM, Science
4/17/19	10:10 AM	Our Environment : Earth Month	South Carolina Aquarium	Saltmarsh Habitat Exploration	Join us in an exploration of our Saltmarsh Habitat at the South Carolina Aquarium! We'll meet some of our marsh animal inhabitants, like terrapins and pelicans, and learn how they are	2,3,4,5	STEM, Science, Sustainability

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					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.		
4/17/19	11:10 AM	Our Environment : Earth Month	South Carolina Aquarium	Saltmarsh Habitat Exploration	Join us in an exploration of our Saltmarsh Habitat at the South Carolina Aquarium! We'll 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.	2,3,4,5	STEM, Science, Sustainability
4/17/19	12:10 PM	Animal Encounters	Alaska Sea Life 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.	6,7,8,9,10	STEM, Science, Sustainability
4/17/19	1:10 PM	Animal Encounters	Alaska Sea Life 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.	6,7,8,9,10	STEM, Science, Sustainability
4/17/19	2:10 PM	Animal Encounters	Alaska Sea Life 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.	6,7,8,9,10	STEM, Science, Sustainability

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
4/18/19	12:10 PM	Weather	Mount Washington Observatory	The Science 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 by mankind. 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!	6,7,8	STEM, Science
4/18/19	1:10 PM	Weather	Mount Washington Observatory	The Science 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 by mankind. 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!	3,4,5	STEM, Science
4/22/19	10:10 AM	Our Environment : Earth Month	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!	4,5,6,7,8	STEM, Science, Sustainability

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
4/22/19	11:10 AM	Our Environment : Earth Month	California Academy of Sciences	Make Earth Day, Every Day	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! This program integrates the Next Generation Science Standards by focusing on: - Crosscutting Concepts: Patterns & Cause and Effect, - Science and Engineering Practice: Constructing Explanations and Designing Solutions	4,5,6,7,8	STEM, Science, Sustainability
4/22/19	12:10 PM	Animal Encounters	The National Butterfly Center	Birds: Migratory versus Nesting Species	April is peak bird migration season here in south Texas. It is also the beginning of the nesting season. We look forward to covering why some birds migrate and while others do not, what birds seek in an ideal nesting spot, the anatomy of a nest, varieties of shapes and sizes, and the lifecycle of the bird. NOTE: We will use previously recorded video of the migratory species that visit the National Butterfly Center on their journey north, as well as previously recorded video of the year-round and other seasonal residents that nest here.	3,4,5	STEM, Science
4/22/19	2:10 PM	Animal Encounters	The National Butterfly Center	Birds: Migratory versus Nesting Species	April is peak bird migration season here in south Texas. It is also the beginning of the nesting season. We look forward to covering why some birds migrate and while others do not, what birds seek in an ideal nesting spot, the anatomy of a nest, varieties of shapes and sizes, and the lifecycle of the bird. NOTE: We will use previously recorded video of the migratory species that visit the National Butterfly Center on their journey north, as well as previously recorded video of	3,4,5	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					the year-round and other seasonal residents that nest here.		
4/23/19	10:10 AM	Career & College Readiness: Animal Encounters	Roper Mountain Science Center	Behind the Scenes at Harrison Hall Marine Lab	Come tour our marine lab. We invite you to view behind the scenes of our animal care areas and learn how our large aquariums work. You will get an up close look at some of our touch tank areas and animals including stingrays, horseshoe crabs, and Bamboo Sharks. Come learn about the job of an animal caretaker.	6,7,8,9,10, 11,12	Career & College Readiness
4/23/19	11:10 AM	Career & College Readiness: Animal Encounters	Roper Mountain Science Center	Behind the Scenes at Harrison Hall Marine Lab	Come tour our marine lab. We invite you to view behind the scenes of our animal care areas and learn how our large aquariums work. You will get an up close look at some of our touch tank areas and animals including stingrays, horseshoe crabs, and Bamboo Sharks. Come learn about the job of an animal caretaker.	6,7,8,9,10, 11,12	Career & College Readiness
4/23/19	12:10 PM	International: World Creativity Week	Author Betsy Teutsch	100 Under \$100: One Hundred Tools for Empowering Global Women	Betsy Teutsch is passionate about mobilizing resources for the world's poorest women. She is a blogger, columnist, community organizer and eco-activist. In addition to being a Judaica artist, she served as Communications Director of GreenMicrofinance, promoting affordable paths out of rural poverty. She is a founding Board Member of the award-winning Shining Hope for Communities and the Kibera School for Girls. Teutsch launched three local chapters of Dining For Women, a	4,5,6,7	History, Civics, Social Studies

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					national network of giving circles supporting women's grassroots initiatives. Teutsch contributed extensively, based on research from her book, to the Atlantic's series What Works: Straightforward Solutions to Complex Problems.		
4/24/19	11:10 AM	DNA Week	The National Law Enforcement Museum	DNA and Investigations	DNA has only been accepted by the courts as reliable evidence in the last 25-30 years. How can something so critical be so new? Find out how DNA is collected from a crime scene and what information can be obtained about a suspect and a victim from just a small sample.	7,8,9,10,11,12	STEM, Science
4/24/19	1:10 PM	DNA Week	The National Law Enforcement Museum	DNA and Investigations	DNA has only been accepted by the courts as reliable evidence in the last 25-30 years. How can something so critical be so new? Find out how DNA is collected from a crime scene and what information can be obtained about a suspect and a victim from just a small sample.	7,8,9,10,11,12	STEM, Science
4/25/19	11:10 AM	Our Environment : Arbor Day	The Arbor Day Foundation	Celebrate Arbor Day: The History of Arbor Day	This program will come directly for Nebraska City, Nebraska, J. Sterling Morton, the founder of Arbor Day's home. During this lesson the history and heritage of Arbor Day will be taught along with the importance of trees both past present. We will also discuss ways to celebrate this holiday in your community.	K, 1, 2, 3, 4, 5, 6	STEM, Science, Sustainability
4/25/19	1:10 PM	Our Environment : Arbor Day	The Arbor Day Foundation	Celebrate Arbor Day: The History of Arbor Day	This program will come directly for Nebraska City, Nebraska, J. Sterling Morton, the founder of Arbor Day's home. During this lesson the history and heritage of Arbor Day will be taught	K, 1, 2, 3, 4, 5, 6	STEM, Science, Sustainability

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					along with the importance of trees both past present. We will also discuss ways to celebrate this holiday in your community.		
4/26/19	11:10 AM	Career & College Readiness: World Veterinary Day	Sea Turtle Inc.	Be a Vet! Sea Turtle Rehabilitation	Take a step into our rehabilitation facility! This program will demonstrate what takes place when a new sea turtle patient arrives at the hospital. Program includes a behind the scenes tour of our new veterinary clinic and live visits from some of our current sea turtle patients!	6,7,8,9,10,11,12	Career & College Readiness
4/26/19	1:10 PM	Career & College Readiness: World Veterinary Day	Sea Turtle Inc.	Be a Vet! Sea Turtle Rehabilitation	Take a step into our rehabilitation facility! This program will demonstrate what takes place when a new sea turtle patient arrives at the hospital. Program includes a behind the scenes tour of our new veterinary clinic and live visits from some of our current sea turtle patients!	6,7,8,9,10,11,12	Career & College Readiness
4/30/19	10:10 AM	Our Environment : Earth Month	Roper Mountain Science Center	Kyle's 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.	3,4,5,6	STEM, Science, Sustainability
4/30/19	11:10 AM	Our Environment : Earth Month	Roper Mountain Science Center	Kyle's 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.	3,4,5,6	STEM, Science, Sustainability

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
5/1/19	11:10 AM	Early Readers: Children's Book Month	Author Jonathan Miller and Sammy Dog Books	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 the can be! Get ready to laugh as Mr. Miller also reads one of his books and answers questions from students and teachers.	2,3,4,5	ELA, Art
5/1/19	1:10 PM	Early Readers: Children's Book Month	Author Jonathan Miller and Sammy Dog Books	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	2,3,4,5	ELA, Art

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					best writers the can be! Get ready to laugh as Mr. Miller also reads one of his books and answers questions from students and teachers.		
5/2/19	11:10 AM	Early Readers: Children's Book Month	Author Lese Dunton	Charlotte's New York Adventure: The Mayor is a Girl (tentative title, Book 3 in the series)	When Charlotte becomes the Mayor, the city gets better and better: quieter sirens, awesome subways, more trees, and air that smells like peppermint. The big world leader tries to stop her, but she has great weapons of kindness and courage.	1,2,3,4	ELA
5/2/19	12:10 PM	Early Readers: Children's Book Month	Author Lese Dunton	Charlotte's New York Adventure: The Mayor is a Girl (tentative title, Book 3 in the series)	When Charlotte becomes the Mayor, the city gets better and better: quieter sirens, awesome subways, more trees, and air that smells like peppermint. The big world leader tries to stop her, but she has great weapons of kindness and courage.	1,2,3,4	ELA
5/2/19	2:00 PM	Science Experiment of the Month	Fizzics Education	Live from Australia: Forces and Friction	In this science workshop, we'll look in depth at how push and pull forces act to move objects. Students will be guided by our presenter in exploring what variables impact friction between two surfaces and how this affects an object's movement, as well as rotational forces in a variety of objects. In addition, time will be spent ensuring that students understand how inertia works. Newton would be happy here with this science content!	1,2,3,4,5,6,7	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
5/3/19	10:10 AM	World History, World Art: Cinco de Mayo	The Mexic-Arte Museum	Cinco De Mayo	Cinco de Mayo is a celebration of Mexican history. Often mistaken for Mexican Independence Day, students will learn that this important holiday does not commemorate Mexico's independence from Spain, but marks Mexico's unexpected victory over France at the Battle of Puebla. Although the French army eventually won, the Battle is important for two reasons: Mexico defeated a much bigger and more equipped French army against all odds and since the Battle of Puebla, no country in the Americas has been invaded by any other European military force. Discover the richness of this historic event by learning about the battle, why we celebrate Cinco de Mayo today, and other cultural traditions related to the historic city where this Battle took place - Puebla.	3,4,5,6,7,8,9,10,11,12	Art, History
5/3/19	12:10 PM	World History, World Art: Cinco de Mayo	The Mexic-Arte Museum	Cinco De Mayo	Cinco de Mayo is a celebration of Mexican history. Often mistaken for Mexican Independence Day, students will learn that this important holiday does not commemorate Mexico's independence from Spain, but marks Mexico's unexpected victory over France at the Battle of Puebla. Although the French army eventually won, the Battle is important for two reasons: Mexico defeated a much bigger and more equipped French army against all odds and since the Battle of Puebla, no country in the Americas has been invaded by any other European military force. Discover the richness of this historic event by learning about the	3,4,5,6,7,8,9,10,11,12	Art, History

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					battle, why we celebrate Cinco de Mayo today, and other cultural traditions related to the historic city where this Battle took place - Puebla.		
5/3/19	1:10 PM	World History, World Art: Cinco de Mayo	The Mexic-Arte Museum	Cinco De Mayo en español	Cinco de Mayo is a celebration of Mexican history. Often mistaken for Mexican Independence Day, students will learn that this important holiday does not commemorate Mexico's independence from Spain, but marks Mexico's unexpected victory over France at the Battle of Puebla. Although the French army eventually won, the Battle is important for two reasons: Mexico defeated a much bigger and more equipped French army against all odds and since the Battle of Puebla, no country in the Americas has been invaded by any other European military force. Discover the richness of this historic event by learning about the battle, why we celebrate Cinco de Mayo today, and other cultural traditions related to the historic city where this Battle took place - Puebla.	3,4,5,6,7,8,9,10,11,12	Art, History, Spanish
5/6/19	11:10 AM	American History & American Art	The Walt Disney Family Museum	Diving into Disney	The Walt Disney Studios moved to their permanent home in Burbank on May 6, 1940. Almost eight decades later to the day, celebrate the Studios success with a live virtual tour of The Walt Disney Family Museum. Benefitting from embedded digital media content, this walk through the Museum's galleries will bring Walt's inspirational message	6,7,8,9,10,11,12	STEM, Technology, History

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					to life. Classes will learn about his early failures, the art of animation, good storytelling, and the technological innovations that made classics like Snow White and the Seven Dwarfs possible.		
5/6/19	1:10 PM	American History & American Art	The Walt Disney Family Museum	Diving into Disney	The Walt Disney Studios moved to their permanent home in Burbank on May 6, 1940. Almost eight decades later to the day, celebrate the Studios success with a live virtual tour of The Walt Disney Family Museum. Benefitting from embedded digital media content, this walk through the Museum's galleries will bring Walt's inspirational message to life. Classes will learn about his early failures, the art of animation, good storytelling, and the technological innovations that made classics like Snow White and the Seven Dwarfs possible.	6,7,8,9,10, 11,12	STEM, Technology, History
5/7/19	10:10 AM	Animal Encounters: Insects	Lee County Mosquito Education	Mosquito-ed	Together let's discuss the biology of the mosquito along with the four stages of complete metamorphosis. Then, we can build a "mosquito breeder" out of a recycled plastic bottle where you can watch the life cycle up close. Just remember not to release your newly hatch adults!	4,5,6	STEM, Science
5/7/19	11:10 AM	Animal Encounters: Insects	Lee County Mosquito Education	Mosquito-ed	Together let's discuss the biology of the mosquito along with the four stages of complete metamorphosis. Then, we can build a "mosquito breeder" out of a recycled plastic bottle where you can watch the life cycle up close. Just remember not to release your newly hatch adults!	4,5,6	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
5/8/19	10:10 AM	Our Universe	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 galaxy.	1,2,3,4	STEM, Science
5/8/19	11:10 AM	Our Universe	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 galaxy.	1,2,3,4	STEM, Science
5/8/19	12:10 PM	Animal Encounters: Insects	University of Arizona, Department of Entomology	Insect Discovery	Describe and review the special characteristics of insects. Meet and learn about Bob the hissing cockroach and his relations and compare them to the charming and wiggle millipedes and other insect types.	K,1,2,3,4,5	STEM, Science
5/8/19	1:10 PM	Animal Encounters: Insects	University of Arizona, Department of Entomology	Mosquito Discovery	Let's spend some time together discussing mosquitoes, their characteristics, the role in the food chain and everything mosquito.	1,2,3,4,5	STEM, Science
5/9/19	11:10 AM	Our Environment	The Greenville Zoo	Green Kingdom	Do you think all plants are alike? Plants are all around us. We see them every day. We will discuss how plants are beneficial to both animals and people.	K,1,2	STEM, science
5/9/19	1:10 PM	Our Environment	The Greenville Zoo	Green Kingdom	Do you think all plants are alike? Plants are all around us. We see them every day. We will discuss how plants are beneficial to both animals and people.	K,1,2	STEM, science
5/10/19	11:10 AM	Poetry Monthly	Kenn Nesbitt's Poetry 4 Kids	How to Write Limericks	May 12 is the birthday of Edward Lear, the English poet who popularized the limerick. We'll examine the history of the limerick, with lots of fun examples, and learn how to create new limericks from scratch.	4,5,6	ELA, Poetry

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
5/10/19	12:10 PM	Our Universe: Intl Astronomy Day	California Academy of Sciences	Asteroids, Comets, Meteors: Oh My!	Within the vast expanses of our solar system, between the planets and beyond, amazing discoveries about asteroids, comets, and meteors are currently being made. Students took on the role of working as an astronomer by using hands-on models to explore "small bodies" in our solar system, and took a guided virtual tour. Throughout this interactive program, classes had the opportunity to ask educators questions and engage in learning conversations. This program integrates the Next Generation Science Standards by focusing on: - Crosscutting Concept: Scale, Proportion and Quantity, - Science and Engineering Practice: Developing and Using Models	3,4,5,6,7,8	STEM, science
5/10/19	1:10 PM	Our Universe: Intl Astronomy Day	California Academy of Sciences	Asteroids, Comets, Meteors: Oh My!	Within the vast expanses of our solar system, between the planets and beyond, amazing discoveries about asteroids, comets, and meteors are currently being made. Students took on the role of working as an astronomer by using hands-on models to explore "small bodies" in our solar system, and took a guided virtual tour. Throughout this interactive program, classes had the opportunity to ask educators questions and engage in learning conversations. This program integrates the Next Generation Science Standards by focusing on: - Crosscutting Concept: Scale, Proportion and Quantity, - Science and Engineering Practice: Developing and Using Models	3,4,5,6,7,8	STEM, science
5/10/19	2:10 PM	Poetry Monthly	Kenn Nesbitt's Poetry 4 Kids	How to Write Limericks	May 12 is the birthday of Edward Lear, the English poet who popularized the	4,5,6	ELA, Poetry

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					limerick. We'll examine the history of the limerick, with lots of fun examples, and learn how to create new limericks from scratch.		
5/13/19	11:10 AM	Animal Encounters	Alaska Sea Life Center	Seabirds of Alaska	Explore North America's deepest diving seabird aviary at the Alaska SeaLife Center and discover the adaptations of diving birds like puffins, murres & guillemots.	K,1,2,3,4	STEM, Science
5/13/19	12:10 PM	Animal Encounters	Alaska Sea Life Center	Seabirds of Alaska	Explore North America's deepest diving seabird aviary at the Alaska SeaLife Center and discover the adaptations of diving birds like puffins, murres & guillemots.	K,1,2,3,4	STEM, Science
5/13/19	2:10 PM	Animal Encounters	Alaska Sea Life Center	Seabirds of Alaska	Explore North America's deepest diving seabird aviary at the Alaska SeaLife Center and discover the adaptations of diving birds like puffins, murres & guillemots.	K,1,2,3,4	STEM, Science
5/14/19	11:10 AM	National Police Week	The National Law Enforcement Museum	Fingerprints and Impressions	What is in a fingerprint? What makes a fingerprint unique to everyone in this world? Students will dive into a discussion about these questions as well as learn about crime scene procedures and examination techniques used by law enforcement and forensic specialist when looking for fingerprint evidence.	4,5,6,7,8	STEM
5/14/19	1:10 PM	National Police Week	The National Law Enforcement Museum	Fingerprints and Impressions	What is in a fingerprint? What makes a fingerprint unique to everyone in this world? Students will dive into a discussion about these questions as well as learn about crime scene procedures and examination techniques used by law enforcement and forensic specialist when looking for fingerprint evidence.	4,5,6,7,8	STEM

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
5/15/19	11:10 AM	Rocks, Fossils & Dinosaurs	The Royal Tyrrell Museum of Palaeontology	Up Close & Palaeo Jr – Special Focus: Dinosaurs	Participants will connect with the Royal Tyrrell Museum of Palaeontology in Alberta, Canada for this interactive and informative Q&A style program. Our knowledgeable Science Educators will introduce the science of palaeontology, with a focus on the abundant amount of dinosaur fossils found in the Canadian Badlands. The responses are supported by real fossils, topical multimedia, and educational video content.	4,5,6,7,8	STEM, Science
5/15/19	1:10 PM	Rocks, Fossils & Dinosaurs	The Royal Tyrrell Museum of Palaeontology	Up Close & Palaeo Jr – Special Focus: Dinosaurs	Participants will connect with the Royal Tyrrell Museum of Palaeontology in Alberta, Canada for this interactive and informative Q&A style program. Our knowledgeable Science Educators will introduce the science of palaeontology, with a focus on the abundant amount of dinosaur fossils found in the Canadian Badlands. The responses are supported by real fossils, topical multimedia, and educational video content.	K,1,2,3	STEM, Science
5/15/19	2:10 PM	Rocks, Fossils & Dinosaurs	The Royal Tyrrell Museum of Palaeontology	Discovering Dinosaurs	Explore the Royal Tyrrell Museum of Palaeontology's world-famous Dinosaur Hall! This tour introduces young participants to the science of palaeontology and to different dinosaurs that lived in ancient Alberta. Each stop explores a different curriculum concept like carnivores and herbivores, predators and prey, or plants and the ancient environment. After the tour there will be lots of time for questions with our dinosaur experts!	K,1,2,3	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
5/16/19	12:10 PM	Adventures in Math	Living Maths	Math problems, puzzles and games: Live from South Africa	Join Mr S as he presents interesting math problems, puzzles and games to stretch the minds of your students. The lessons are interactive and students are required to bring something to write with and something to write on. There will be a large range of problems for the students to work on and the solutions will be presented too. Problems will involve space and shape, logic , creativity, strategy, team work, thinking inside the box, thinking outside the box, thinking with a box on your head and many more types. Some will have numbers and some won't. Some will rely on language while others will rely on your eyes. Be prepared for a few surprises. The content and the problems will vary from lesson to lesson. Mr S teaches a few thousand students every week from K-12 so after 23 years, he has built up a treasure chest of awesome brainteasers. Are you ready!	1,2,3	STEM, Math
5/16/19	1:10 PM	Adventures in Math	Living Maths	Math problems, puzzles and games: Live from South Africa	Join Mr S as he presents interesting math problems, puzzles and games to stretch the minds of your students. The lessons are interactive and students are required to bring something to write with and something to write on. There will be a large range of problems for the students to work on and the solutions will be presented too. Problems will involve space and shape, logic , creativity, strategy, team work, thinking inside the box, thinking outside the box, thinking with a box on your head and many more types. Some will have	4,5,6	STEM, Math

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					numbers and some won't. Some will rely on language while others will rely on your eyes. Be prepared for a few surprises. The content and the problems will vary from lesson to lesson. Mr S teaches a few thousand students every week from K-12 so after 23 years, he has built up a treasure chest of awesome brainteasers. Are you ready!		
5/20/19	11:10 AM	American History, American Art: Memorial Day/Decoration Day	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?	7,8,9,10,11,12	History
5/20/19	1:10 PM	American History, American Art: Memorial Day/Decoration Day	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	7,8,9,10,11,12	History

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					observation of Memorial Day and memory of the Civil War changed?		
5/22/19	10:10 AM	Our Universe	Roper Mountain Science Center	Behind the scenes at the Observatory - Focus on Telescopes	Come discover our observatory at Roper Mountain Science Center that houses the 8th largest refractor telescope in the nation. We will learn about how lenses and mirrors bend and reflect light as well as take a look at how a telescope works.	4,5,6,7,8	STEM, Science
5/22/19	11:10 AM	Our Universe	Roper Mountain Science Center	Behind the scenes at the Observatory - Focus on Telescopes	Come discover our observatory at Roper Mountain Science Center that houses the 8th largest refractor telescope in the nation. We will learn about how lenses and mirrors bend and reflect light as well as take a look at how a telescope works.	4,5,6,7,8	STEM, Science
5/22/19	12:10 PM	Animal Encounters: Insects	Royal Botanical Gardens	Pollination Partners	Are insects and birds able to pollinate the same plant? Why is pollination beneficial? For the answers to these and many other questions, join us as we investigate with the live specimens, study skins and models the cooperative relationship between pollinators and the plant kingdom.	4,5,6,7	STEM, Science
5/23/19	10:10 AM	Oceans Alive: World Turtle Day	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	K,1,2,3,4,5	STEM, Science, Sustainability

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					work with sea turtles and discuss ways that you can help all turtles.		
5/23/19	11:10 AM	Oceans Alive: World Turtle Day	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 all turtles.	K,1,2,3,4,5	STEM, Science, Sustainability
5/23/19	12:10 PM	Oceans Alive: World Turtle Day	Sea Turtle Inc.	Let's Talk Turtles!	Discover the world of turtles! 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!	3,4,5,6	STEM, Science, Sustainability
5/23/19	1:10 PM	Oceans Alive: World Turtle Day	Sea Turtle Inc.	Let's Talk Turtles!	Discover the world of turtles! 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!	3,4,5,6	STEM, Science, Sustainability
5/23/19	2:10 PM	Oceans Alive: World Turtle Day	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	K,1,2,3,4,5	STEM, Science, Sustainability

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					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 all turtles.		
5/28/19	12:10 PM	Weather	Mount Washington Observatory	Thunderstorm: Nature's Powerhouse	Thunderstorms have captivated people for thousands of years, but only recently have scientists begun to understand them. In this program we'll learn all about the life cycle of a thunderstorm and the kinds of weather they can produce including damaging winds, large hail and even tornadoes. We'll see what it's like to be inside of a thunderstorm on Mt. Washington and how to stay safe when one threatens your neighborhood.	6,7,8	STEM, Science
5/28/19	1:10 PM	Weather	Mount Washington Observatory	Thunderstorm: Nature's Powerhouse	Thunderstorms have captivated people for thousands of years, but only recently have scientists begun to understand them. In this program we'll learn all about the life cycle of a thunderstorm and the kinds of weather they can produce including damaging winds, large hail and even tornadoes. We'll see what it's like to be inside of a thunderstorm on Mt. Washington and how to stay safe when one threatens your neighborhood.	3,4,5	STEM, Science
5/29/19	12:10 PM	Animal Encounters	The Center for Birds of Prey	The Real Flying Kites	Did you ever wonder where the toy got its name? Explore the exciting world of the raptors called kites. Learn about their remarkable aerial abilities and how they are able to survive on a diet of dragonflies and other winged insects. Travel their migratory route from the Southeastern US to parts of Brazil and Venezuela over the Gulf of Mexico and	4,5,6,7,8	STEM, Science, Sustainability

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					the Andes Mountains. Learn about the endangered Swallow-tailed Kite and what you can do to preserve their fragile breeding habitat. Watch first hand how a kite catches and consumes prey on the wing.		
5/29/19	1:10 PM	Animal Encounters	The Center for Birds of Prey	The Real Flying Kites	Did you ever wonder where the toy got its name? Explore the exciting world of the raptors called kites. Learn about their remarkable aerial abilities and how they are able to survive on a diet of dragonflies and other winged insects. Travel their migratory route from the Southeastern US to parts of Brazil and Venezuela over the Gulf of Mexico and the Andes Mountains. Learn about the endangered Swallow-tailed Kite and what you can do to preserve their fragile breeding habitat. Watch first hand how a kite catches and consumes prey on the wing.	4,5,6,7,8	STEM, Science, Sustainability
5/30/19	11:10 AM	Animal Encounters	The National Butterfly Center	Snakes: Venomous vs. Non-venomous	Snakes are most active during the summer months. This program will teach students the basics of how to distinguish between venomous and non-venomous species in the field. We will also explore how snakes are beneficial to healthy ecosystems and why it is a mistake to have non-native species as pets	5,6,7,8	STEM, Science
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Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					why it is a mistake to have non-native species as pets		
6/3/19	10:15 AM	Oceans Alive: World Ocean Month	Ocean Wise	West Coast, Best Coast	Students will have the opportunity to shine a light through the dark waters of B.C's coast to discover the incredible ecosystems below. This interactive program will include the chance to meet living invertebrates, learn about the vital ecosystems that they call home, and what it takes to survive in the cold waters of British Columbia. At the end, students will have the chance to have the marine expert answer their questions about Canada's west coast, and will leave with an understanding that all humans are connected to the ocean.	1,2,3,4,5	STEM, Science
6/3/19	11:15 AM	Oceans Alive: World Ocean Month	Ocean Wise	West Coast, Best Coast	Students will have the opportunity to shine a light through the dark waters of B.C's coast to discover the incredible ecosystems below. This interactive program will include the chance to meet living invertebrates, learn about the vital ecosystems that they call home, and what it takes to survive in the cold waters of British Columbia. At the end, students will have the chance to have the marine expert answer their questions about Canada's west coast, and will leave with an understanding that all humans are connected to the ocean.	1,2,3,4,5	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
6/4/19	11:10 AM	Oceans Alive: World Ocean Month	Seacoast Science Center	Coastal Critters, Life Between the Tides	Life between the tides can be tough. Join Seacoast Science Center naturalists for a virtual field trip to the shore, to explore the animals and plants that make inter tidal habitats their home. Learn about some of their amazing and sometimes funny physical and behavioral adaptations that make life in these challenging environments possible. This program highlights how individual species and entire classes of creatures have adapted to survive on the rocky shore, the sandy beach and the salt marsh. Students will see dramatic time-lapse images of the tidal cycle, videos of animal behavior, sea stars eating, lobsters molting, and footage of our tide pools. Our Seacoast Science Center naturalist will bring out live animals, demonstrate how these inter tidal animals feed, hunt, and protect themselves, and take students on a virtual trip to the Center and its tide pools.	1,2,3,4,5,6,7,8	STEM, Science, Sustainability
6/4/19	1:10 PM	Oceans Alive: World Ocean Month	Seacoast Science Center	Coastal Critters, Life Between the Tides	Life between the tides can be tough. Join Seacoast Science Center naturalists for a virtual field trip to the shore, to explore the animals and plants that make inter tidal habitats their home. Learn about some of their amazing and sometimes funny physical and behavioral adaptations that make life in these challenging environments possible. This program highlights how individual species and entire classes of creatures have adapted to survive on the rocky shore, the sandy beach and the salt marsh. Students will see	1,2,3,4,5,6,7,8	STEM, Science, Sustainability

Date	Time (EST)	Observance	Partner	Title	Description	Grade Range	Curriculum
					dramatic time-lapse images of the tidal cycle, videos of animal behavior, sea stars eating, lobsters molting, and footage of our tide pools. Our Seacoast Science Center naturalist will bring out live animals, demonstrate how these inter tidal animals feed, hunt, and protect themselves, and take students on a virtual trip to the Center and its tide pools.		
6/6/19	11:10 AM	Oceans Alive: World Ocean Month	Alaska Sea Life Center	Marine Mammals of Alaska	Observe seals and sea lions and learn about these amazing marine mammals at the Alaska SeaLife Center in Seward, Alaska!	1,2,3,4,5	STEM, Science
6/6/19	12:10 PM	Oceans Alive: World Ocean Month	Alaska Sea Life Center	Marine Mammals of Alaska	Observe seals and sea lions and learn about these amazing marine mammals at the Alaska SeaLife Center in Seward, Alaska!	1,2,3,4,5	STEM, Science
6/6/19	2:10 PM	Oceans Alive: World Ocean Week	Alaska Sea Life Center	Marine Mammals of Alaska	Observe seals and sea lions and learn about these amazing marine mammals at the Alaska SeaLife Center in Seward, Alaska!	1,2,3,4,5	STEM, Science
6/7/19	2:00 PM	Science Experiment of the Month	Fizzics Education	Live from Australia: Electricity	This workshop covers the fundamentals of electricity. What is static vs current electricity? What is electromagnetism? What materials are resistors vs. conductors? How do basic circuits work? Time to create a buzz!	3,4,5,6,7	STEM, Science
6/10/19	11:10 AM	Poetry Monthly	Kenn Nesbitt's Poetry 4 Kids	How to Write Haiku	Haiku is perhaps the most well-known short poetic form. Because of its impressionistic brevity, haiku is a popular way to encourage the appreciation and writing of poetry. Learn what goes into writing a haiku, and how you can create your own.	3,4,5	ELA, Poetry

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6/10/19	1:10 PM	Poetry Monthly	Kenn Nesbitt's Poetry 4 Kids	How to Write Haiku	Haiku is perhaps the most well-known short poetic form. Because of its impressionistic brevity, haiku is a popular way to encourage the appreciation and writing of poetry. Learn what goes into writing a haiku, and how you can create your own.	3,4,5	ELA, Poetry
6/11/19	12:10 PM	Oceans Alive: World Ocean Month	Global Education Motivators, a United Nations NGO	The Effects of Climate Change: How Climate Change Affects You and the World Around You	This program will look at how climate change affects us today, and will continue to affect humanity if left unchecked. The program will address the following questions: What is Climate Change? What can we expect to be the changes in the physical world around us? How will these changes affect humans? Participants will learn about the effects of climate change in the following areas - rising oceans on cities and island nations, severe weather, potable water, changes in precipitation patterns, melting glaciers, agriculture, migration of insect pests, health, food and drinking supplies, political stability, and water scarcity.	6,7,8,9,10, 11,12	STEM, Science
6/12/19	12:10 PM	Animal Encounters	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.	3,4,5,6	STEM, Science