



StreamableLearningTM

Live and Interactive CurriculumTM

2017/2018 Calendar of Events

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
9/11/2017	10:10 AM	9/11 Observance	Newseum	Freedom Under Fire	What practical challenges did journalists face when covering the events of Sept. 11, 2001? What ethical challenges did reporters inherit? Join Newseum Education for an artifact-based discussion that helps students understand the challenges of balancing the First Amendment with personal and national security concerns.	40	9,10,11, 12	History, Social Studies
9/11/2017	11:10 AM	9/11 Observance	Newseum	Freedom Under Fire	What practical challenges did journalists face when covering the events of Sept. 11, 2001? What ethical challenges did reporters inherit? Join Newseum Education for an artifact-based discussion that helps students understand the challenges of balancing the First Amendment with personal and national security concerns.	40	9,10,11, 12	History, Social Studies
9/11/2017	12:10 PM	9/11 Observance	Stony Brook WTC Wellness Program	9/11 Responders Tell Their Stories of Sacrifice, Courage, and Renewal	As many fled the burning towers, thousands rushed in to save the injured. Thousands more ordinary men and women returned to Ground Zero, and for weeks and months, they worked to recover bodies and personal artifacts, to clean-up the fallen buildings, and to help our country rise from this tragedy. The WTC Wellness Program is offering a unique opportunity for high school students to interact directly with 9/11 responders and listen to their profound stories. Students will learn the importance of the oral history method and first-person narratives in understanding significant historical events. They will explore themes including heroism, duty, sacrifice, community, and they will learn about the consequences that continue to affect 9/11 responders, their families, the community and our society. The Program's education mission is to ensure that the first-hand accounts from 9/11 responders are preserved and curated for future generations and thus, the Program offers an array of teaching tools to educators across the country. These teaching tools, which can be	40	9,10,11, 12	History, Social Studies

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					accessed for free either pre- or post- broadcast <link to sharemylesson or we can post to our website?>, stimulate a richer discussion of 9/11 and its impact on the men and women who responded to the WTC disaster. These tools meet NYS and Common Core Standards, are designed for easy implementation in the classroom, and include a documentary film and texts from interviews with 9/11 responders.			
9/11/2017	1:10 PM	9/11 Observance	Newseum	Freedom Under Fire	What practical challenges did journalists face when covering the events of Sept. 11, 2001? What ethical challenges did reporters inherit? Join Newseum Education for an artifact-based discussion that helps students understand the challenges of balancing the First Amendment with personal and national security concerns.	40	9,10,11,12	History, Social Studies
9/13/2017	11:10 AM	Video Gaming Series	Team Kaizen and Ingenium	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. Grades 4-12	40	4,5,6,7,8,9,10,11,12	STEM, Technology, Art
9/13/2017	1:10 PM	Video Gaming Series	Team Kaizen and Ingenium	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. Grades 4-12	40	4,5,6,7,8,9,10,11,12	STEM, Technology, Art
9/13/2017	2:10 PM	Video Gaming Series	Team Kaizen and Ingenium	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. Grades 4-12	40	4,5,6,7,8,9,10,11,12	STEM, Technology, Art

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9/15/2017	11:10 AM	Science Program of the Month	Be4STEM	Measure Like a Scientist Today...Become a Scientist Tomorrow	This presentation highlights math careers in activities from Unit 1 of "Tiny Science for Great Futures". Activity 1 demonstrates affordable pipettes and graduated beakers, measuring cups and spoons that are marked in both standard & metric measurements. Scenarios reinforce measuring tiny amounts of solids and liquids in applications such as medications and chemicals. Activity 2 matches manipulatives that measure mass, distance and temperature. Scenarios reinforce situations using proper techniques measuring in lab settings. Activity 3 poses an interactive problem ~ after students create a model of their hand measured in nanometers the dilemma will be posed to measure the distance across a door using your hand model as the ruler unit "1 hand". Polling features allow mastery of measuring techniques at frequent intervals in this session. An open-ended problem posed at the end of the session encourages additional problem solving skill development. Classes are encouraged to share post-lesson solutions with us for additional feedback. Submit follow-up questions, observations, suggestions for scenarios to Diana Palma at be4steminc@gmail.com . See required supply list	45	1,2,3	STEM, Technology, Careers
9/18/2017	10:10 AM	Art Program of the Month: Watercolors	The Gibbes Art Museum	Mark Catesby in the Carolinas	Join Curator of Exhibitions Pam Wall as we explore Artist, Scientist, Explorer: Mark Catesby in the Carolinas. Mark Catesby was a colonial explorer who landed in Charleston in 1722 to document the natural habitats of the Carolinas, Florida, and the Bahamas. During his four year journey he created over 200 original watercolors of native birds, fish, reptiles, amphibians, mammals, insects, and plants.	45	5,6,7,8	Art, History, STEM

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9/18/2017	11:10 AM	Animal Encounters	Sea Turtle, Inc.	Spectacular Sea Turtles	Discover the fascinating world of the sea turtle. Learn about sea turtle anatomy and their adaptations for ocean living then dive into the sea turtle life cycle following hatchling sea turtles from egg to adulthood. Program includes live visits from some of our current residents and patients at Sea Turtle, Inc.!	40	3,4,5,6	STEM, Science, Sustainability
9/18/2017	12:10 PM	Animal Encounters	Sea Turtle, Inc.	Spectacular Sea Turtles	Discover the fascinating world of the sea turtle. Learn about sea turtle anatomy and their adaptations for ocean living then dive into the sea turtle life cycle following hatchling sea turtles from egg to adulthood. Program includes live visits from some of our current residents and patients at Sea Turtle, Inc.!	40	3,4,5,6	STEM, Science, Sustainability
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9/19/2017	11:10 AM	Poetry Monthly	Kenn Nesbitt's Poetry4Kids	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.	30	2,3,4,5,	ELA, Poetry
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9/21/2017	10:10 AM	Classroom Culture	Generation Text Online	Building Relationships in the Classroom	Join Jill Brown, President of Generation Text Online as she provides strategies and techniques to equip teachers and students with the skills to build relationships establish a respectful, positive and supportive classroom culture in the 21st Century Learning Environment. Ms. Brown will provide an engaging program that will demonstrate routines and best practices on how to build skills of active listening, empathy, inclusion and learn a thinking pattern that encourages each attendee to think about how their words and actions affect others prior to acting and reacting. This program provides a pre and a post activity.	40	K1,2,3,4,5	Health & Wellness
9/22/2017	10:10 AM	Classroom Culture	Generation Text Online	Building Relationships in the Classroom	Join Jill Brown, President of Generation Text Online as she provides strategies and techniques to equip teachers and students with the skills to build relationships establish a respectful, positive and supportive classroom culture in the 21st Century Learning Environment. Ms. Brown will provide an engaging program that will demonstrate routines and best practices on how to build skills of active listening, empathy, inclusion and learn a thinking pattern that encourages each attendee to think about how their words and actions affect others prior to acting and reacting. This program provides a pre and a post activity.	40	6,7,8,9	Health & Wellness
9/25/2017	10:10 AM	World Heart Week	Denver Museum of Nature and Science	Virtual Heart	Get your students' pulse going with this live dissection experience. Your class will participate in interactive experiments, chat discussion, and polls, as well as observe the dissection of a real sheep heart. This program is geared toward 3-5th graders, and aligns with NGSS (Next Generation Science Standards).	40	3,4,5,6,7,8	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
9/25/2017	11:10 AM	Fall Astronomy Day	Dudley Observatory at miSci	A look back at the Great American Eclipse	Did you see the solar eclipse on August 21st this past summer? People all across the United states viewed the eclipse through eclipse glasses and telescopes. NASA and other space agencies conducted a variety of experiments during the eclipse using their space based observatories. Join us as we look back and photos and videos of the eclipse and learn about some of the science completed during the event.	40	3,4,5,6,7,8	STEM, Science
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9/26/2017	10:10 AM	Hispanic Heritage Month	Baseball Hall of Fame	Latinos in Baseball	Baseball is not just an American game; it is a game that has featured stars from other cultures, including the Latino world. Trailblazers like Armando Marsans, Minnie Minoso, Roberto Clemente, Hector Espino, and Fernando Valenzuela battled bigotry in becoming stars, making the game more popular in Latin America, and laying the groundwork for the record-breaking number of Latinos who play in the major leagues today.	40	6,7,8,9,10,11,12	History, Social Studies

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9/26/2017	11:10 AM	Poetry Monthly	Kenn Nesbitt's Poetry4Kids	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.	30	2,3,4,5	ELA, Poetry
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9/27/2017	10:10 AM	World Heart Week	Liberty Science Center	Pump it Up	Get up and Get active! Understand the value of nutrition and heart health. Navigate the circulatory system from the point of view of a red blood cell.	45	1,2,3,4,5	Health & Wellness
9/27/2017	1:10 PM	World Heart Week	Liberty Science Center	Pump it Up	Get up and Get active! Understand the value of nutrition and heart health. Navigate the circulatory system from the point of view of a red blood cell.	45	1,2,3,4,5	Health & Wellness
9/28/2017	10:10 AM	World Heart Week	Liberty Science Center	Cardiac Classroom	The heart is a specialized structure within the circulatory system. Investigate the impacts cardiovascular disease has on the heart and its ability to maintain homeostasis. NGSS: HS LS1-3 (Graphic content will be shown- a tape of a bypass surgery will be shown)	45	6,7,8,9,10,11,12	STEM, Science
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9/29/2017	11:10 AM	Creative Writing	Jonathan Miller (Author)	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.	45	2,3,4,5	ELA
9/29/2017	1:10 PM	Creative Writing	Jonathan Miller (Author)	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!	45	2,3,4,5	ELA

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					can be! Get ready to laugh as Mr. Miller also reads one of his books and answers questions from students and teachers.			
10/2/2017	10:10 AM	Bullying Prevention and Tolerance Month	Generation Text Online	Bullying Prevention	Join Jill Brown, President of Generation Text Online as she provides strategies and techniques to equip teachers and students with the skills to build relationships in order to contribute to a respectful, positive and supportive classroom culture in the 21st Century Learning Environment. Ms. Brown will provide an engaging program that will demonstrate routines and best practices on how to build skills of active listening, empathy, inclusion and learn a thinking pattern that encourages each attendee to think about how their words and actions affect others prior to acting and reacting. This program provides a pre and a post activity.	40	3,4,5	Health & Wellness
10/2/2017	11:10 AM	Fall Financial Literacy Day	Museum of American Finance	Introduction to Financial Markets	This is an introductory class to the three main asset classes: stocks, bonds and commodities. The class covers the creation and mechanics of each asset class. In addition, students learn how financial products are used by individuals and companies to help them run their existing businesses or grow in the future. https://www.moaf.org/education/classes/the_financial_markets/_res/id=Attachments/index=0/Intro%20to%20Cap%20Markets%20LP.pdf Exhibit information: https://www.moaf.org/exhibits/financial_markets	40	9,10,11,12	Financial Literacy

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10/2/2017	1:10 PM	Fall Financial Literacy Day	Museum of American Finance	Introduction to Financial Markets	This is an introductory class to the three main asset classes: stocks, bonds and commodities. The class covers the creation and mechanics of each asset class. In addition, students learn how financial products are used by individuals and companies to help them run their existing businesses or grow in the future. https://www.moaf.org/education/classes/the_financial_markets/_res/id=Attachments/index=0/Intro%20to%20Cap%20Markets%20LP.pdf Exhibit information: https://www.moaf.org/exhibits/financial_markets	40	9,10,11,12	Financial Literacy
10/3/2017	10:10 AM	Bullying Prevention and Tolerance Month	Generation Text Online	Bullying Prevention	Join Jill Brown, President of Generation Text Online as she provides strategies and techniques to equip teachers and students with the skills to build relationships in order to contribute to a respectful, positive and supportive classroom culture in the 21st Century Learning Environment. Ms. Brown will provide an engaging program that will demonstrate routines and best practices on how to build skills of active listening, empathy, inclusion and learn a thinking pattern that encourages each attendee to think about how their words and	40	6,7,8	Health & Wellness

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					actions affect others prior to acting and reacting. This program provides a pre and a post activity.			
10/3/2017	11:10 AM	Author Series (Early Readers)	Howard Eisenberg (Author)	Guess Who Zoo	Early readers, spend 45 minutes with author-poet Howard Eisenberg (wearing an explorer's pith helmet) who will read Guess Who Zoo, the first book in a uniquely interactive riddle-and-rhyme series with guess-who clues in every line of every poem. Fun that educates. Monkey has stolen Zookeeper's keys and the animals won't return until children guess their names. A charming rhyming story for ages 3-6 followed by inter-active poems with clues in every line and the animal's name left blank. (Plus there's a special fascinating fact section entitled, If Animals Could Talk...). If you wish to purchase the book in advance you can go to mascotbooks.com and receive a 40% discount using the code TCHR.	40	K 1, 2, 3	ELA
10/3/2017	12:10 PM	Author Series (Early Readers)	Howard Eisenberg (Author)	Guess Who Zoo	Early readers, spend 45 minutes with author-poet Howard Eisenberg (wearing an explorer's pith helmet) who will read Guess Who Zoo, the first book in a uniquely interactive riddle-and-rhyme series with guess-who clues in every line of every poem. Fun that educates. Monkey has stolen Zookeeper's keys and the animals won't return until children guess their names. A charming rhyming story for ages 3-6 followed by inter-active poems with clues in every line and the animal's name left blank. (Plus there's a	40	K, 1, 2, 3	ELA

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					special fascinating fact section entitled, If Animals Could Talk...). If you wish to purchase the book in advance you can go to mascotbooks.com and receive a 40% discount using the code TCHR.			
10/4/2017	10:10 AM	World Space Week	National Women's History Museum	Katherine Johnson and the Mathematics of the Space Race	Getting astronauts to space and back involves more than rockets and hardware. During America's space race in the 1950s and 60s, mathematicians performed calculations that determined the geometry for space orbit. Women "computers", including National Women's History Museum's Women Making History honoree Katherine Johnson, were integral members of NASA's teams. Join us to learn the mathematical concepts behind space orbit and the women who sent America's astronauts into space.	40	9,10,11, 12	STEM, Math, History
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10/4/2017	1:10 PM	World Space Week	National Women's History Museum	Katherine Johnson and the Mathematics of the Space Race	Getting astronauts to space and back involves more than rockets and hardware. During America's space race in the 1950s and 60s, mathematicians performed calculations that determined the geometry for space orbit. Women "computers", including National Women's History Museum's Women Making History honoree Katherine Johnson, were integral members of NASA's teams. Join us to learn the mathematical concepts behind space orbit and the women who sent America's astronauts into space.	40	4,5,6	STEM, Math, History
10/5/2017	10:10 AM	World Space Week	Denver Museum of Nature and Science	Virtual Art Station: Titan	Description: Merging Space Science and Scientific Illustration: Titan is Saturn's largest moon and one of the most fascinating places in our solar system. Participants will learn how to capture their own Titan investigations using scientifically accurate illustrations, just as other great scientists have done throughout history. This program will be geared toward 3-8th grade audiences and aligns with NGSS (Next Generation Science Standards). Participants will need the following materials: an orange sheet of paper (9x12 or 8.5x11 is ideal), one black colored pencil, and one white colored pencil (dark and light chalk, crayons or art pencils can also be used).	40	3,4,5,6,7,8	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
10/5/2017	11:10 AM	Hispanic Heritage Month	Mexic-Arte	Frida Kahlo en español	Students will explore the global impact of Mexican painter Frida Kahlo, from the aftermath of the Mexican Revolution to her cult following in modern society. Frida is known for her intensely detailed, honest, and iconic self-portraits that portrayed both beauty and pain. Who was this iconic woman and how has her visual legacy grown stronger since her death? Mexic-Arte Museum will bring Frida to life with a live Frida impersonator who will deliver a compelling lesson in front of a backdrop of photos and altars that honor her. Students will discover Frida the artist, student, teacher, activist, feminist, and icon. They will explore how Frida represented both her indigenous and European heritage in her paintings, making significant contributions to a dialog of biculturalism that is surprisingly relevant today. As a handicapped individual, a pioneer of equal rights for women, and a rebel who challenged traditional gender roles, Frida's art and iconography have made such an impact on the world that she is regarded by many as the most famous female artist in the world.	40	3,4,5,6,7,8,9,10,11,12	Art, History, Foreign Language
10/5/2017	12:10 PM	World Space Week	Denver Museum of Nature and Science	Virtual Art Station: Titan	Description: Merging Space Science and Scientific Illustration: Titan is Saturn's largest moon and one of the most fascinating places in our solar system. Participants will learn how to capture their own Titan investigations using scientifically accurate illustrations, just as other great scientists have done throughout history. This program will be geared toward 3-8th grade audiences and aligns with NGSS (Next Generation Science Standards). Participants will need the following materials: an orange sheet of paper (9x12 or 8.5x11 is ideal), one black colored pencil, and one white colored pencil	40	3,4,5,6,7,8	STEM, Science

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10/6/2017	10:10 AM	Bullying Prevention and Tolerance Month	Generation Text Online	Cyber-bullying	Join Jill Brown, President of Generation Text Online as she provides strategies and techniques to equip teachers and students with the skills to build relationships in order to contribute to a respectful, positive and supportive classroom culture in the 21st Century Learning Environment. Ms. Brown will provide an engaging program that will demonstrate routines and best practices on how to build skills of active listening, empathy, inclusion and learn a thinking pattern that encourages each attendee to think about how their words and	40	6,7,8	Health & Wellness

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					actions affect others prior to acting and reacting. This program provides a pre and a post activity.			
10/10/2017	10:10 AM	Poetry Monthly	Kenn Nesbitt's Poetry4Kids	Writing Poetry – How to Write Cinquains	The cinquain is an easy, five-line poetic form, similar to Japanese haiku and tanka. Celebrate the birthday of Adelaide Crapsey, creator of the cinquain, by discovering its history and learning how to write your own cinquains.	30	3,4,5,	ELA, Poetry
10/10/2017	11:10 AM	Cephalopod Awareness Week	Alaska SeaLife Center	Amazing Cephalopods	Observe a squid dissection while we learn about head-footed animals of the deep: octopus, squid, cuttlefish & nautilus.	45	5,6,7,8	STEM, Science
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Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
10/12/2017	10:10 AM	Bullying Prevention and Tolerance Month	Generation Text Online	Cyber-bullying	Join Jill Brown, President of Generation Text Online as she provides strategies and techniques to equip teachers and students with the skills to build relationships in order to contribute to a respectful, positive and supportive classroom culture in the 21st Century Learning Environment. Ms. Brown will provide an engaging program that will demonstrate routines and best practices on how to build skills of active listening, empathy, inclusion and learn a thinking pattern that encourages each attendee to think about how their words and actions affect others prior to acting and reacting. This program provides a pre and a post activity.	40	4,5	Health & Wellness
10/13/2017	12:10 PM	African Penguin Awareness Day	California Academy of Sciences	Penguins: Wings, Beaks, and Feathers, Oh My!	Join us for an online program as we waddle like penguins! Watch Academy biologists feed our colony in our African Penguin exhibit and get your questions answered by a museum educator.	30	K, 1, 2	STEM, Science, Sustainability
10/13/2017	1:10 PM	African Penguin Awareness Day	California Academy of Sciences	Penguins: Wings, Beaks, and Feathers, Oh My! en español	Join us for an online program as we waddle like penguins! Watch Academy biologists feed our colony in our African Penguin exhibit and get your questions answered by a museum educator.	30	K, 1, 2	STEM, Science, Sustainability, Foreign Language
10/13/2017	2:10 PM	African Penguin Awareness Day	California Academy of Sciences	Penguins: Wings, Beaks, and Feathers, Oh My!	Join us for an online program as we waddle like penguins! Watch Academy biologists feed our colony in our African Penguin exhibit and get your questions answered by a museum educator.	30	K, 1, 2	STEM, Science, Sustainability
10/16/2017	10:10 AM	Reptile Week	Liberty Science Center	Leaping Lizards	Lizards fill an important role as both predator and prey. Learn about these spontaneous creatures as they try to survive in their environments.	45	1,2,3,4,5	STEM, Science, Sustainability

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
10/16/2017	11:10 AM	Shark Encounter	Ocean Lab, The	Diving with Great White Sharks!	Join Stanford research scientist, Dr. Taylor Chapple and his colleague, Dr. Mauricio Hoyos, as they broadcast live from underwater shark cages at a remote island off of the Mexican coast. Classrooms will be able to interact with the scientists 30 feet underwater as they conduct their presentations on anatomy, senses and migrations of great white sharks in the Eastern Pacific.	20	5,6,7,8,9,10,11,12	STEM, Science, Sustainability
10/16/2017	12:10 PM	Shark Encounter	Ocean Lab, The	Diving with Great White Sharks!	Join Stanford research scientist, Dr. Taylor Chapple and his colleague, Dr. Mauricio Hoyos, as they broadcast live from underwater shark cages at a remote island off of the Mexican coast. Classrooms will be able to interact with the scientists 30 feet underwater as they conduct their presentations on anatomy, senses and migrations of great white sharks in the Eastern Pacific.	20	5,6,7,8,9,10,11,12	STEM, Science, Sustainability
10/16/2017	1:10 PM	Shark Encounter	Ocean Lab, The	Diving with Great White Sharks! en español	Join Stanford research scientist, Dr. Taylor Chapple and his colleague, Dr. Mauricio Hoyos, as they broadcast live from underwater shark cages at a remote island off of the Mexican coast. Classrooms will be able to interact with the scientists 30 feet underwater as they conduct their presentations on anatomy, senses and migrations of great white sharks in the Eastern Pacific.	20	5,6,7,8,9,10,11,12	STEM, Science, Sustainability, Foreign Language
10/17/2017	10:10 AM	Reptile Week	Carnegie Museum of Natural History	Rockin' Reptiles	We share live exotic reptiles with you from our Living Collections. Get up-close to examine their amazing adaptations using real tools and specimens from our preserved collections. Discover how these creatures survive in the wild, what they eat and how they escape being eaten.	45	3,4,5,6,7,8	STEM, Science, Sustainability

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
10/17/2017	11:10 AM	Fall Civil War Week	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.	40	7,8,9,10,11,12	History
10/17/2017	12:10 PM	Reptile Week	Carnegie Museum of Natural History	Rockin' Reptiles	We share live exotic reptiles with you from our Living Collections. Get up-close to examine their amazing adaptations using real tools and specimens from our preserved collections. Discover how these creatures survive in the wild, what they eat and how they escape being eaten.	45	3,4,5,6,7,8	STEM, Science, Sustainability
10/17/2017	1:10 PM	Fall Civil War Week	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.	40	3,4,5,6	History
10/20/2017	10:10 AM	Bullying Prevention and Tolerance Month	Dede Rittman (Author)	Grady Gets Glasses	Grady is a rabbit – with glasses! Grady explains how his glasses help him to see the whole world better, and that people (and rabbits) who wear glasses might look a little different, but they are special. Grady makes everyone understand that wearing glasses/ knowing someone who wears	30	K,1,2	Anti-Bully, ELA, Health & Wellness

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					glasses/seeing better is GOOD, and that glasses are not a reason to bully! Grady thinks glasses are COOL! (grades K, 1, 2)			
10/20/2017	11:10 AM	Bullying Prevention and Tolerance Month	Dede Rittman (Author)	Grady Gets Glasses	Grady is a rabbit – with glasses! Grady explains how his glasses help him to see the whole world better, and that people (and rabbits) who wear glasses might look a little different, but they are special. Grady makes everyone understand that wearing glasses/ knowing someone who wears glasses/seeing better is GOOD, and that glasses are not a reason to bully! Grady thinks glasses are COOL! (grades K, 1, 2)	30	K,1,2	Anti-Bully, ELA, Health & Wellness
10/20/2017	1:10 PM	Bullying Prevention and Tolerance Month	Dede Rittman (Author)	Grady Gets Glasses	Grady is a rabbit – with glasses! Grady explains how his glasses help him to see the whole world better, and that people (and rabbits) who wear glasses might look a little different, but they are special. Grady makes everyone understand that wearing glasses/ knowing someone who wears glasses/seeing better is GOOD, and that glasses are not a reason to bully! Grady thinks glasses are COOL! (grades K, 1, 2)	30	K,1,2	Anti-Bully, ELA, Health & Wellness
10/24/2017	11:10 AM	Video Gaming Series	Team Kaizen and Ingenium	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.	40	6,7,8,9,10,11,12	STEM, Technology, Careers
10/24/2017	1:10 PM	Video Gaming Series	Team Kaizen and Ingenium	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.	40	6,7,8,9,10,11,12	STEM, Technology, Careers
10/24/2017	2:10 PM	Video Gaming Series	Team Kaizen and Ingenium	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.	40	6,7,8,9,10,11,12	STEM, Technology, Careers

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
10/25/2017	10:10 AM	National Moon Day	Dudley Observatory at miSci	A Trip to the Moon	In 1969 the United States made history by putting man on the moon for the first time. Since then, 12 men have set foot on the moon and multiple spacecrafts have orbited or landed on the moon. In this lesson we will explore our moon and the big discoveries made over the last 50 years, finishing with how you can observe the moon on International Observe the Moon Night on October 28, 2017.	40	3,4,5,6,7,8	STEM, Science
10/25/2017	11:10 AM	National Moon Day	Dudley Observatory at miSci	A Trip to the Moon	In 1969 the United States made history by putting man on the moon for the first time. Since then, 12 men have set foot on the moon and multiple spacecrafts have orbited or landed on the moon. In this lesson we will explore our moon and the big discoveries made over the last 50 years, finishing with how you can observe the moon on International Observe the Moon Night on October 28, 2017.	40	3,4,5,6,7,8	STEM, Science
10/25/2017	1:10 PM	National Moon Day	Dudley Observatory at miSci	A Trip to the Moon	In 1969 the United States made history by putting man on the moon for the first time. Since then, 12 men have set foot on the moon and multiple spacecrafts have orbited or landed on the moon. In this lesson we will explore our moon and the big discoveries made over the last 50 years, finishing with how you can observe the moon on International Observe the Moon Night on October 28, 2017.	40	3,4,5,6,7,8	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
10/27/2017	10:10 AM	Science Program of the Month	Be4STEM	Research Properties of Shape and Texture with Robotic Arms	<p>This presentation highlights science and math careers in activities from Unit 2 of “Tiny Science for Great Futures”. Activity 1 demonstrates affordable test tube racks, alligator forceps, magnifying glass, magnetic wands, bucket balance, cupcake tins and Mystery Box. Scenarios direct separation of assorted common tiny objects to describe and classify them by their physical properties, including magnetism, hardness, strength and absorbency. Mystery Box scenario demonstrates how items are identified by properties when they are too small to see. Activity 2 matches patterns and shapes that allow additional classification of properties such as color, length and texture. Scenarios use bucket balance to test combinations of multiple tiny objects to determine the combination that floats best. Activity 3 poses an interactive problem ~ the dilemma of selecting the lightest fabric for a new stage curtain that will reflect the best color and add interest when patterns of tiny objects are added to its surface. Polling features allow mastery of robotic arm sorting and arrangement techniques at frequent intervals in this session. An open-ended problem posed at the end of the session encourages additional problem solving skill development. Classes are encouraged to share post-lesson solutions with us for additional feedback. Submit follow-up questions, observations, suggestions for scenarios to Diana Palma at be4steminc@gmail.com. See required supply list</p>	45	1,2,3	STEM, Technology, Careers

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
10/27/2017	11:10 AM	Fall Butterfly Day	National Butterfly Center	Butterfly Life Cycle	This would include a brief introduction to the NBC; show & tell of butterflies, eggs, caterpillars and chrysalids; and Stephanie's performance of her ever-popular Life Cycle Lesson Song & Dance. During the show & tell, particular emphasis would be placed on Growing Connections, our mission to help people understand and appreciate the intimate and co-dependent native plant-pollinator relationship and the role it plays in the sustainability of ecosystems and the health of our planet.	40	3,4,5	STEM, Science
10/27/2017	12:10 PM	Chemistry Day	Liberty Science Center	Decomposition	Chemistry is an amazing world made of matter. Hold on to your hats, because you will be going on an explosive, energetic journey through the world of Chemistry.	45	6,7,8,9	STEM, Science
10/27/2017	1:10 PM	Fall Butterfly Day	National Butterfly Center	Butterfly Life Cycle	This would include a brief introduction to the NBC; show & tell of butterflies, eggs, caterpillars and chrysalids; and Stephanie's performance of her ever-popular Life Cycle Lesson Song & Dance. During the show & tell, particular emphasis would be placed on Growing Connections, our mission to help people understand and appreciate the intimate and co-dependent native plant-pollinator relationship and the role it plays in the sustainability of ecosystems and the health of our planet.	40	3,4,5	STEM, Science
10/30/2017	10:10 AM	Science Experiment of the Month	Liberty Science Center	Halloween Science: Power of Frankenstein	Is it possible to use electricity to bring someone back from the dead? We will investigate the true events that inspired the legend of Frankenstein and explore how electricity and our biology are linked.	45	6,7,8,9	STEM, Science
10/30/2017	12:10 PM	Bat Appreciation Day	Carnegie Museum of Natural History	Meet the Expert: Bats	The seasonal popularity of these misunderstood Halloween icons creates an opportunity to explore aspects of bat anatomy, physiology, behavior, and diversity. Let our expert share specimens from the Museum's mammal	40	K,1,2,3,4,5,6	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					collection and more. Learn why bats are such fascinating creatures.			
10/30/2017	1:10 PM	Science Experiment of the Month	Liberty Science Center	Halloween Science: Power of Frankenstein	Is it possible to use electricity to bring someone back from the dead? We will investigate the true events that inspired the legend of Frankenstein and explore how electricity and our biology are linked.	45	6,7,8,9	STEM, Science
10/30/2017	2:10 PM	Bat Appreciation Day	Carnegie Museum of Natural History	Meet the Expert: Bats	The seasonal popularity of these misunderstood Halloween icons creates an opportunity to explore aspects of bat anatomy, physiology, behavior, and diversity. Let our expert share specimens from the Museum's mammal collection and more. Learn why bats are such fascinating creatures.	40	K,1,2,3,4,5,6	STEM, Science, Sustainability
10/31/2017	10:10 AM	Animal Encounters	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.	45	K,1,2,3,4,5	STEM, Science, Sustainability
10/31/2017	12:10 PM	Animal Encounters	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.	45	K,1,2,3,4,5	STEM, Science, Sustainability
10/31/2017	1:10 PM	Animal Encounters	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.	45	K,1,2,3,4,5	STEM, Science, Sustainability

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
11/1/2017	11:10 AM	Day of the Dead	Mexic-Arte	Day of the Dead	Day of the Dead Community Altars is Mexic-Arte Museum's 34th annual celebration of the Dia de Muertos holiday. Through a live, in-depth explanation of each symbol on the elaborate altars, students will discover the important relationship between community and tradition as they learn how Mexican families and communities pay homage to deceased loved ones. Dozens of types of altars will be explored, from the most traditional to the most modern. Students will learn the history of the holiday, compare and contrast Day of the Dead and Halloween, and also how Mexic-Arte Museum has utilized Día de los Muertos to celebrate the community's faith; comment on current social issues; and express a uniquely Austin, Mexican, and Mexican-American identity and heritage.	45	3,4,5,6,7,8,9,10,11,12	Arts, Social Studies, Cultural
11/1/2017	12:10 PM	Day of the Dead	Mexic-Arte	Day of the Dead	Day of the Dead Community Altars is Mexic-Arte Museum's 34th annual celebration of the Dia de Muertos holiday. Through a live, in-depth explanation of each symbol on the elaborate altars, students will discover the important relationship between community and tradition as they learn how Mexican families and communities pay homage to deceased loved ones. Dozens of types of altars will be explored, from the most traditional to the most modern. Students will learn the history of the holiday, compare and contrast Day of the Dead and Halloween, and also how Mexic-Arte Museum has utilized Día de los Muertos to celebrate the community's faith; comment on current social issues; and express a uniquely Austin, Mexican, and Mexican-American identity and heritage.	45	3,4,5,6,7,8,9,10,11,12	Arts, Social Studies, Cultural

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
11/1/2017	2:10 PM	Day of the Dead	Mexic-Arte	Day of the Dead en español	Day of the Dead Community Altars is Mexic-Arte Museum's 34th annual celebration of the Dia de Muertos holiday. Through a live, in-depth explanation of each symbol on the elaborate altars, students will discover the important relationship between community and tradition as they learn how Mexican families and communities pay homage to deceased loved ones. Dozens of types of altars will be explored, from the most traditional to the most modern. Students will learn the history of the holiday, compare and contrast Day of the Dead and Halloween, and also how Mexic-Arte Museum has utilized Día de los Muertos to celebrate the community's faith; comment on current social issues; and express a uniquely Austin, Mexican, and Mexican-American identity and heritage.	45	3,4,5, 6,7,8,9, 10,11,12	Arts, Social Studies, Cultural, Foreign Language
11/3/2017	9:10 AM	Author Series (Early Readers)	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.	45 max	2,3,4,5	History, Social Studies, Literature

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
11/3/2017	10:10 AM	Voting Rights and Elections	National Women's History Museum	Taking a Stand: Woman Suffrage and Protest at the White House	Though the woman suffrage movement started in 1848, by the early 20th century women had yet to achieve the vote nationally. A group of women, adopting radical tactics from their British counterparts, brought their protests to Washington, DC and the White House fence. Learn how Alice Paul, Lucy Burns, and the National American Woman Suffrage Association (NAWSA) drew public attention to their cause and became a model for peaceful public protest.	40	9,10,11,12	History, Social Studies
11/3/2017	12:10 PM	Voting Rights and Elections	National Women's History Museum	Taking a Stand: Woman Suffrage and Protest at the White House	Though the woman suffrage movement started in 1848, by the early 20th century women had yet to achieve the vote nationally. A group of women, adopting radical tactics from their British counterparts, brought their protests to Washington, DC and the White House fence. Learn how Alice Paul, Lucy Burns, and the National American Woman Suffrage Association (NAWSA) drew public attention to their cause and became a model for peaceful public protest.	40	6,7,8,9	History, Social Studies
11/3/2017	1:10 PM	Voting Rights and Elections	National Women's History Museum	Taking a Stand: Woman Suffrage and Protest at the White House	Though the woman suffrage movement started in 1848, by the early 20th century women had yet to achieve the vote nationally. A group of women, adopting radical tactics from their British counterparts, brought their protests to Washington, DC and the White House fence. Learn how Alice Paul, Lucy Burns, and the National American Woman Suffrage Association (NAWSA) drew public attention to their cause and became a model for peaceful public protest.	40	4,5,6	History, Social Studies

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
11/6/2017	10:10 AM	Author Series (MS, HS)	Ernest Hemingway Home	The Sun Also Rises	This was Hemingway's first novel, written in 1925 during his time in Paris. The Sun Also Rises vividly portrays the lives of the members of the "Lost Generation": the group of primarily expat men and women whose early adulthood was consumed by World War I. The war deeply affected this generation's standards for death and morality, and shattered many beliefs in traditional values of love, faith, and patriotism. Without these long-held notions to rely on, members of the Lost Generation suffered great moral and psychological aimlessness. Discussion: How a common event can affect diverse groups with long-lasting outcomes.	40	9,10,11,12	Literature
11/6/2017	12:10 PM	Author Series (MS, HS)	Ernest Hemingway Home	The Old Man and The Sea	This was Hemingway's last novel published during his lifetime (1952). The Old Man and the Sea is the story of an epic struggle between Santiago—an aged, seasoned fisherman—and a huge marlin, the greatest catch of his life. For 84 days, Santiago has set out to sea and returned empty-handed. When he finally catches the largest marlin ever caught, he loses it to attacking sharks.	40	9,10,11,12	Literature
11/6/2017	1:10 PM	Author Series (MS, HS)	Ernest Hemingway Home	A Farewell to Arms	This is Hemingway's second novel, finished in Key West, Florida after leaving Paris, and published in 1929. A Farewell to Arms centers on the character of Frederic Henry, a young American ambulance driver serving in the Italian army during World War I. Henry meets Catherine Barkley, an English nurse's aide at the nearby British hospital, and falls in love. Circumstances result in their separation, and when they later reunite, Catherine is in labor and eventually dies. Discussion: Dealing with deep emotions during a time of crisis	40	9,10,11,12	Literature

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
11/8/2017	10:10 AM	Science Program of the Month	Roper Mountain Science Center	Incredible Invertebrates	We invite you to join our investigative team as we classify five different 'spineless wonders'! Students will observe invertebrates, record their observations and use it to classify each organism based on its characteristics. We'll explore some of the most fabulous Phyla, including sponges, mollusks, echinoderms, arthropods, and worms. Special Note: please print the data sheets associated with this program prior to the live stream and distribute the sheet to students. They should also each have a pencil. The presenter also asks that you arrange the students in groups of 5. Finally, please note that there is a post activity associated with this stream.	40	3,4,5,6	STEM, Science
11/8/2017	11:10 AM	Fall Migratory Bird Day	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.	40	K,1,2	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
11/8/2017	12:10 PM	Science Program of the Month	Roper Mountain Science Center	Incredible Invertebrates	We invite you to join our investigative team as we classify five different 'spineless wonders'! Students will observe invertebrates, record their observations and use it to classify each organism based on its characteristics. We'll explore some of the most fabulous Phyla, including sponges, mollusks, echinoderms, arthropods, and worms. Special Note: please print the data sheets associated with this program prior to the live stream and distribute the sheet to students. They should also each have a pencil. The presenter also asks that you arrange the students in groups of 5. Finally, please note that there is a post activity associated with this stream.	40	3,4,5,6	STEM, Science
11/8/2017	1:10 PM	Fall Migratory Bird Day	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.	40	K,1,2	STEM, Science
11/9/2017	10:10 AM	Animal Encounters	Dolphin Research Center	Summer's Secret World of Dolphins	What is life like for a dolphin? How do they catch their food? Swim into the wonderful world of dolphins with Summer, a spotted dolphin, and learn about life as a dolphin!	40	1,2,3,4,5,6,7,8	STEM, Marine Sciences

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
11/9/2017	12:10 PM	Food, Agriculture and Nutrition Month	California Academy of Sciences	Food Choices the Environment will love you for	In this 45 minute program we will explore the innovation and ingenuity of individuals across the planet who are designing ways to support ecosystems and communities! Students will build and reflect upon their own ideas on impacts of one of the biggest impacts on Earth's ecosystems - feeding all humans. Throughout the program students will be challenged to design simple, personal solutions for minimizing those impacts while meeting the needs of humans, other plants and animals on our planet. By the end of the program they will create their own Planet Hero Action Plan.	45	4,5, 6, 7, 8	STEM, Science
11/9/2017	1:10 PM	Food, Agriculture and Nutrition Month	California Academy of Sciences	Food Choices the Environment will love you for	In this 45 minute program we will explore the innovation and ingenuity of individuals across the planet who are designing ways to support ecosystems and communities! Students will build and reflect upon their own ideas on impacts of one of the biggest impacts on Earth's ecosystems - feeding all humans. Throughout the program students will be challenged to design simple, personal solutions for minimizing those impacts while meeting the needs of humans, other plants and animals on our planet. By the end of the program they will create their own Planet Hero Action Plan.	45	4,5, 6, 7, 8	Food Science
11/10/2017	10:10 AM	CTE/Careers and College Readiness	Greenville Zoo: South Carolina	Careers with Animals	Have you ever wondered what kind of jobs there are in the sciences? Join us as we explore several careers dealing with animals both within a zoo setting and beyond. We will meet some animals during our program and learn about how these animals relate to careers at our Zoo.	35	7,8,9,10, 11,12	STEM, Science, Careers
11/10/2017	11:10 AM	CTE/Careers and College Readiness	Greenville Zoo: South Carolina	Careers with Animals	Have you ever wondered what kind of jobs there are in the sciences? Join us as we explore several careers dealing with animals both within a zoo setting and beyond. We will meet some	35	7,8,9,10, 11,12	STEM, Science, Careers

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					animals during out program and learn about how these animals relate to careers at our Zoo.			
11/10/2017	12:10 PM	CTE/Careers and College Readiness	Greenville Zoo: South Carolina	Careers with Animals	Have you ever wondered what kind of jobs there are in the sciences? Join us as we explore several careers dealing with animals both within a zoo setting and beyond. We will meet some animals during out program and learn about how these animals relate to careers at our Zoo.	35	7,8,9,10,11,12	STEM, Science, Careers
11/13/2017	11:10 AM	Math Program of the Month	Baseball Hall of Fame	Statistics: Batter Up!	Examine how mathematical concepts, such as addition, subtraction, fractions and decimals apply to baseball. Students play an interactive baseball game to test their skills!	45	6,7,8,9,10,11,12	STEM, Math
11/13/2017	1:10 PM	Math Program of the Month	Baseball Hall of Fame	Statistics: Batter Up!	Examine how mathematical concepts, such as addition, subtraction, fractions and decimals apply to baseball. Students play an interactive baseball game to test their skills!	45	6,7,8,9,10,11,12	STEM, Math
11/14/2017	10:10 AM	Animal Encounters	Putnam Museum and Science Center	Animal Adaptations: The Case of the Talking Skulls	Animal skulls are great tools for teaching students about the diversity of wildlife and the special role each animal plays in its natural habitat. Your students will learn to “read” the clues that skulls provide by participating in these lively hands-on lessons: Predator or prey? Herbivore, carnivore or omnivore? Nocturnal or diurnal?	40	3,4,5	STEM, Science
11/14/2017	11:10 AM	Animal Encounters	Putnam Museum and Science Center	Animal Adaptations: The Case of the Talking Skulls	Animal skulls are great tools for teaching students about the diversity of wildlife and the special role each animal plays in its natural habitat. Your students will learn to “read” the clues that skulls provide by participating in these lively hands-on lessons: Predator or prey? Herbivore, carnivore or omnivore? Nocturnal or diurnal?	40	3,4,5	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
11/14/2017	12:10 PM	Native American Heritage Month	Southern Food and Beverage	Native American Influence on Southern Food: Learning Through Food	Native populations throughout the South set the foundation for the iconic cuisine that eventually emerged. From farming and cultivation techniques, to understanding how to cook native North American foods, you can see the influence of the early peoples through the South's use of cornmeal, barbecue, and seafood.	40	6,7,8,9	History, Social Studies
11/14/2017	1:10 PM	Animal Encounters	Putnam Museum and Science Center	Animal Adaptations: The Case of the Talking Skulls	Animal skulls are great tools for teaching students about the diversity of wildlife and the special role each animal plays in its natural habitat. Your students will learn to "read" the clues that skulls provide by participating in these lively hands-on lessons: Predator or prey? Herbivore, carnivore or omnivore? Nocturnal or diurnal?	40	3,4,5	STEM, Science
11/15/2017	10:45 AM	Charleston Music Hall (Jazz)	Charleston Jazz	Live Jazz For Kids	Join the Charleston Jazz Orchestra for the annual children's concert JAZZ FOR KIDS. Charleston SC is one of the birthplaces for American Jazz and the city supports one of the few full jazz orchestras in the country. Charleston Jazz works to preserve and celebrate the rich jazz tradition of the Charleston area. It recognizes South Carolina and the South Atlantic coast, whose artistic epicenter is Charleston, as a major cradle of jazz along with Savannah, Ga., Mobile Ala., Memphis, Tenn. and New Orleans, La., among others.	45	3,4,5,6	Arts
11/15/2017	1:10 PM	Charleston Music Hall (Jazz)	Charleston Jazz	History of Jazz & Charleston	Charleston Jazz was born at the dawn of acceptance of jazz music as the classical music of the United States of America. Charleston, South Carolina has contributed mightily to the history of the country, especially with regard to African American culture, the crucible of jazz. The South Atlantic coast cradle of North	40	3,4,5,6	Arts, History

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					American slavery is a big part of the genesis, evolution and legacy of jazz, an entertainment art form that married the best of European and African attributes in the New World. Join Carlton Singleton, the orchestra's musical director, band leader and accomplished singer & trumpet player to discuss the roots of jazz in Charleston.			
11/15/2017	1:10 PM	World Heart Week	Denver Museum of Nature and Science	Virtual Heart	Get your students' pulse going with this live dissection experience. Your class will participate in interactive experiments, chat discussion, and polls, as well as observe the dissection of a real sheep heart. This program is geared toward 3-5th graders, and aligns with NGSS (Next Generation Science Standards).	40	3,4,5,6,7,8	STEM, Science
11/16/2017	10:10 AM	Native American Heritage Month	Cranbrook Institute of Science	Native American Treasures of Cranbrook Institute of Science	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.	40	3,4,5	History, Social Studies
11/16/2017	11:10 AM	CTE/Careers and College Readiness	Tom Thelen	Essential Skills for Success: Personal Accountability, Responsibility, Respect	The skill of personal accountability is one of the foundational building blocks of a successful life and career. Without it, students are virtually unemployable, but with it, they can become unstoppable. In this interactive session, Tom Thelen, author of Victimproof, uncovers the secrets to living a life of respect, responsibility, and personal accountability.	45	6,7,8,9,10,11,12	Careers, CTE

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
11/16/2017	12:10 PM	Native American Heritage Month	Cranbrook Institute of Science	Native American Treasures of Cranbrook Institute of Science	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.	40	6,7,8,9	History, Social Studies
11/16/2017	1:10 PM	Native American Heritage Month	Cranbrook Institute of Science	Native American Treasures of Cranbrook Institute of Science	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.	40	9,10,11,12	History, Social Studies
11/17/2017	10:10 AM	Food, Agriculture and Nutrition Month	Royal Botanical Gardens	Chocolate: From Treasure to Treat: How Far Has Your Food Traveled	8) Chocolate has been many things to many people over the years. Learn about the ecology of the Cacao tree, then journey through history to get the complete story behind the tasty treat that we call chocolate. Finally discover the role and impact of chocolate on the rainforest ecosystems where it grows.	40	4,5,6,7,8	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
11/17/2017	11:10 AM	Food, Agriculture and Nutrition Month	Royal Botanical Gardens	Chocolate: From Treasure to Treat: How Far Has Your Food Traveled	Chocolate has been many things to many people over the years. Learn about the ecology of the Cacao tree, then journey through history to get the complete story behind the tasty treat that we call chocolate. Finally discover the role and impact of chocolate on the rainforest ecosystems where it grows.	40	4,5,6,7,8	STEM, Science
11/17/2017	12:10 PM	Science Program of the Month	Be4STEM	Investigate Magnetism as a Nanoscientist	This presentation highlights science careers from Unit 3 of "Tiny Science for Great Futures". Activity 1 demonstrates affordable test tube racks, test tubes, forceps, magnetic wands, tiny cups, various magnets and buttons. Scenarios test the forces of gravity applied to tiny objects and compare various strengths of magnets. Activity 2 tests the magnetism of assorted tiny objects, including a box of buttons. Scenarios include predicting and testing how items will move in lines with a magnetic wand. Activity 3 poses an interactive problem ~ how might we arrange magnets in an effective pattern to deliver future therapy on cancers and other diseases. Polling features allow mastery of experimental techniques at frequent intervals in this session. An open-ended problem posed at the end of the session encourages additional problem solving skill development. Classes are encouraged to share post-lesson solutions with us for additional feedback. Submit follow-up questions, observations, suggestions for scenarios to Diana Palma at be4steminc@gmail.com . See required supply list.	45	1,2,3	STEM, Technology, Careers
11/17/2017	1:10 PM	Food, Agriculture and Nutrition Month	Royal Botanical Gardens	Chocolate: From Treasure to Treat: How Far Has Your	Chocolate has been many things to many people over the years. Learn about the ecology of the Cacao tree, then journey through history to get the complete story behind the tasty treat that we call chocolate. Finally discover the role	40	4,5,6,7,8	Science, History

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
				Food Traveled	and impact of chocolate on the rainforest ecosystems where it grows.			
11/20/2017	10:10 AM	Children's Picture Book Day	The Eric Carle Museum of Picture Book Art	We love Books and Art	Celebrate National Picture Book Day with The Eric Carle Museum of Picture Book Art! Hear from a Carle educator about the museum and its programs, explore Eric Carle's process when he creates collages, and learn about the different parts of a picture book.	30	K,1,2	ELA
11/20/2017	11:10 AM	Children's Picture Book Day	The Eric Carle Museum of Picture Book Art	We love Books and Art	Celebrate National Picture Book Day with The Eric Carle Museum of Picture Book Art! Hear from a Carle educator about the museum and its programs, explore Eric Carle's process when he creates collages, and learn about the different parts of a picture book.	30	K,1,2	ELA
11/20/2017	12:10 PM	Food, Agriculture and Nutrition Month	Overalls and Aprons	The Business & Sustainability of Farm to Table	This program will explore the sustainability of farm to table and is brought to by Thibaut Fagonde, an award winning filmmaker on the farm to table business.	45 max	6,7,8,9,10,11,12	Food Science
11/20/2017	1:10 PM	Children's Picture Book Day	The Eric Carle Museum of Picture Book Art	We love Books and Art	Celebrate National Picture Book Day with The Eric Carle Museum of Picture Book Art! Hear from a Carle educator about the museum and its programs, explore Eric Carle's process when he creates collages, and learn about the different parts of a picture book.	30	K,1,2	ELA
11/21/2017	10:10 AM	Author Series (MS, HS)	Scott and Zelda Fitzgerald Museum, The	F. Scott Fitzgerald: His Life & Literature	In this program from the F. Scott & Zelda Fitzgerald Museum, your host will explore the life and times of Great American novelist, F. Scott Fitzgerald. Known most prominently for 'The Great Gatsby', Fitzgerald continues to inspire modern writers through powerful prose and societal observations. He is credited for coining the term 'Jazz Age' and was a primary member of the 'Lost Generation', a group of		8,9,10,11,12	Literature

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					expatriate writers and creatives that defined the 1920's. While his was a relatively brief life, there is much to discover about one of the world's most important authors.			
11/21/2017	12:10 PM	Author Series (MS, HS)	Scott and Zelda Fitzgerald Museum, The	F. Scott Fitzgerald: His Life & Literature	In this program from the F. Scott & Zelda Fitzgerald Museum, your host will explore the life and times of Great American novelist, F. Scott Fitzgerald. Known most prominently for 'The Great Gatsby, Fitzgerald continues to inspire modern writers through powerful prose and societal observances. He is credited for coining the term 'Jazz Age' and was a primary member of the 'Lost Generation', a group of expatriate writers and creatives that defined the 1920's. While his was a relatively brief life, there is much to discover about one of the world's most important authors.		8,9,10,11,12	Literature
11/21/2017	1:10 PM	Author Series (MS, HS)	Scott and Zelda Fitzgerald Museum, The	F. Scott Fitzgerald: His Life & Literature	In this program from the F. Scott & Zelda Fitzgerald Museum, your host will explore the life and times of Great American novelist, F. Scott Fitzgerald. Known most prominently for 'The Great Gatsby, Fitzgerald continues to inspire modern writers through powerful prose and societal observances. He is credited for coining the term 'Jazz Age' and was a primary member of the 'Lost Generation', a group of expatriate writers and creatives that defined the 1920's. While his was a relatively brief life, there is much to discover about one of the world's most important authors.		8,9,10,11,12	Literature
11/22/2017	11:10 AM	Poetry Monthly	Kenn Nesbitt's Poetry4Kids	Writing Poetry – 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	30	3,4,5	ELA, Poetry

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					goes into writing a haiku, and how you can create your own.			
11/22/2017	12:10 PM	Poetry Monthly	Kenn Nesbitt's Poetry4Kids	Writing Poetry – 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.	30	3,4,5	ELA, Poetry
11/27/2017	10:10 AM	Food, Agriculture and Nutrition Month	Greenville Zoo: South Carolina	Animals: Chain of Life	Description: 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.	40	2,3,4	STEM
11/27/2017	11:10 AM	Food, Agriculture and Nutrition Month	Greenville Zoo: South Carolina	Animals: Chain of Life	Description: 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.	40	2,3,4	STEM
11/27/2017	12:10 PM	Food, Agriculture and Nutrition Month	Greenville Zoo: South Carolina	Animals: Chain of Life	Description: 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.	40	2,3,4	STEM
11/28/2017	10:10 AM	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.	40	8,9,10,11,12	STEM, Health & Wellness

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
11/28/2017	11:10 AM	Native American Heritage Month	Southern Food and Beverage	Native American Influence on Southern Food: Learning Through Food	Native populations throughout the South set the foundation for the iconic cuisine that eventually emerged. From farming and cultivation techniques, to understanding how to cook native North American foods, you can see the influence of the early peoples through the South's use of cornmeal, barbecue, and seafood.	40	6,7,8,9	History, Social Studies
11/28/2017	12:10 PM	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.	40	8,9,10,11,12	STEM, Health & Wellness
11/28/2017	1:10 PM	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.	40	8,9,10,11,12	STEM, Health & Wellness
11/29/2017	10:10 AM	Native American Heritage Month	National D-Day Memorial, The	"Tsaakü nünnuwee— We Made A Good Landing": The Comanche Code Talkers and D-Day	During World War II, the United States utilized Native Americans to create codes that the Germans and Japanese could not break. While the famous Navajo Code Talkers assisted in communication in the Pacific, Comanche Code Talkers were used for the European Theater of Operations. Fourteen of these code talkers landed on Utah Beach on June 6, 1944. Learn about their role on D-Day during this interactive	40	6,7,8,9,10,11,12	History, Social Studies

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					session honoring the legacy of Native Americans in World War II.			
11/29/2017	11:10 AM	World Space Week	Denver Museum of Nature and Science	Virtual Art Station: Titan	Description: Merging Space Science and Scientific Illustration: Titan is Saturn's largest moon and one of the most fascinating places in our solar system. Participants will learn how to capture their own Titan investigations using scientifically accurate illustrations, just as other great scientists have done throughout history. This program will be geared toward 3-8th grade audiences and aligns with NGSS (Next Generation Science Standards). Participants will need the following materials: an orange sheet of paper (9x12 or 8.5x11 is ideal), one black colored pencil, and one white colored pencil (dark and light chalk, crayons or art pencils can also be used).	40	3,4,5,6, 7,8	STEM, Science
11/29/2017	12:10 PM	Science Program of the Month	Roper Mountain Science Center	Incredible Invertebrates	We invite you to join our investigative team as we classify five different 'spineless wonders'! Students will observe invertebrates, record their observations and use it to classify each organism based on its characteristics. We'll explore some of the most fabulous Phyla, including sponges, mollusks, echinoderms, arthropods, and worms. Special Note: please print the data sheets associated with this program prior to the live stream and distribute the sheet to students. They should also each have a pencil. The presenter also asks that you arrange the students in groups of 5. Finally, please note that there is a post activity associated with this stream.	40	3,4,5,6	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
11/29/2017	1:10 PM	Native American Heritage Month	National D-Day Memorial, The	“Tsaaku nunnuwee—We Made A Good Landing”: The Comanche Code Talkers and D-Day	During World War II, the United States utilized Native Americans to create codes that the Germans and Japanese could not break. While the famous Navajo Code Talkers assisted in communication in the Pacific, Comanche Code Talkers were used for the European Theater of Operations. Fourteen of these code talkers landed on Utah Beach on June 6, 1944. Learn about their role on D-Day during this interactive session honoring the legacy of Native Americans in World War II.	40	6,7,8,9,10,11,12	History, Social Studies
11/30/2017	10:10 AM	CTE/Careers and College Readiness	Tom Thelen	Essential Skills for Success: Integrity, Empathy, Compassion, Trust	What does it mean to be a person of integrity? And more importantly, how can students develop integrity in their daily lives? Join author Tom Thelen for this heart-level discussion on trust, empathy, and compassion. You'll hear some of Tom's personal success stories, but you'll also hear how he learned from some key mistakes along the way.	45	6,7,8,9,10,11,12	Careers, CTE
11/30/2017	11:10 AM	Native American Heritage Month	Ah-Tah-Thi-Ki Seminole Indian 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!	40	4,5	History, Social Studies
11/30/2017	12:10 PM	CTE/Careers and 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	40	5,6,7,8,9,10,11,12	STEM, Science, Careers

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					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.			
11/30/2017	1:10 PM	Native American Heritage Month	Ah-Tah-Thi-Ki Seminole Indian 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!	40	4,5	History, Science
12/1/2017	11:10 AM	Video Gaming Series	Team Kaizen and Ingenium	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.	40	6,7,8,9,10,11,12,	STEM, Science, Careers
12/1/2017	1:10 PM	Video Gaming Series	Team Kaizen and Ingenium	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.	40	6,7,8,9,10,11,12,	STEM, Science, Careers
12/1/2017	2:10 PM	Video Gaming Series	Team Kaizen and Ingenium	Video Gaming: How it Helps Build Communications and	Team KAIZEN shows students how understanding art and developing empathy/communication skills is vital to building compelling digital narratives.	40	6,7,8,9,10,11,12,	STEM, Science, Careers

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
				Empathy Skills				
12/4/2017	11:10 AM	CTE/Careers and College Readiness	Tom Thelen	Essential Skills for Success: Building Relationships, Collaboration, & Communication	In a recent survey of America's Top CEOs, communication and collaboration were listed as two of the top skills CEOs look for when hiring a new employee. In this session, author Tom Thelen shares his experiences of working in corporate America. Discover the new unwritten rules of the workplace: how to communicate, how to collaborate, and how to build relationships.	45	6,7,8,9,10,11,12	Careers, CTE
12/4/2017	12:10 PM	Weather Program of the Month	Mount Washington Observatory	Extreme Wx 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."	40	6,7,8	STEM, Science
12/4/2017	1:10 PM	Weather Program of the Month	Mount Washington Observatory	Extreme Wx 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."	40	3,4,5	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
12/5/2017	11:10 AM	World Soil Day	Royal Botanical Gardens	Organic Gardening	Why are farmers and gardeners turning to organic practices? What are the advantages and disadvantages? Can you use these techniques in your school garden or greenhouse?	40	7,8,9,10,11,12	STEM, Science
12/5/2017	12:10 PM	World Soil Day	Royal Botanical Gardens	Organic Gardening	Why are farmers and gardeners turning to organic practices? What are the advantages and disadvantages? Can you use these techniques in your school garden or greenhouse?	40	7,8,9,10,11,12	STEM, Science
12/5/2017	1:10 PM	World Soil Day	Royal Botanical Gardens	Organic Gardening	Why are farmers and gardeners turning to organic practices? What are the advantages and disadvantages? Can you use these techniques in your school garden or greenhouse?	40	7,8,9,10,11,12	STEM, Science
12/6/2017	10:10 AM	Computer Sciences Day	National Women's History Museum	Women Pioneers of Computer Programming	In 1943 the US Army hired six women mathematicians to set up and operate the Army's newest top secret weapon in World War II. The Electronic Numerical Integrator and Computer (ENIAC) was the first electronic, digital computer. These unsung heroes figured out how to wire the electrical connections that enabled ENIAC to complete 300 multiplications per second. This field trip incorporates math and science content including electronic circuits and geometry.	40	9,10,11,12	STEM, History
12/6/2017	11:10 PM	Computer Sciences Day	National Women's History Museum	Women Pioneers of Computer Programming	In 1943 the US Army hired six women mathematicians to set up and operate the Army's newest top secret weapon in World War II. The Electronic Numerical Integrator and Computer (ENIAC) was the first electronic, digital computer. These unsung heroes figured out how to wire the electrical connections that enabled ENIAC to complete 300 multiplications per second. This field trip incorporates math and science content including electronic circuits and geometry.	40	6,7,8,9	STEM, History

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
12/6/2017	1:10 PM	Computer Sciences Day	National Women's History Museum	Women Pioneers of Computer Programming	In 1943 the US Army hired six women mathematicians to set up and operate the Army's newest top secret weapon in World War II. The Electronic Numerical Integrator and Computer (ENIAC) was the first electronic, digital computer. These unsung heroes figured out how to wire the electrical connections that enabled ENIAC to complete 300 multiplications per second. This field trip incorporates math and science content including electronic circuits and geometry.	40	4,5,6	STEM, History
12/7/2017	12:10 PM	Shark, Skates and Rays Week	California Academy of Sciences	Dive in a Lagoon with Rays and their Friends who live there	Go on a virtual expedition to the Philippines, just as Academy scientists do. Learn to make observations and ask questions like a scientist while watching a live stream of our sharks and rays lagoon. This program integrates the Next Generation Science Standards by focusing on: Crosscutting Concept: Structure and function and Science and Engineering Practice: Planning and carrying out investigations.	30	3,4,5,6, 7,8	STEM, Science
12/7/2017	1:10 PM	Shark, Skates and Rays Week	California Academy of Sciences	Dive in a Lagoon with Rays and their Friends who live there	Go on a virtual expedition to the Philippines, just as Academy scientists do. Learn to make observations and ask questions like a scientist while watching a live stream of our sharks and rays lagoon. This program integrates the Next Generation Science Standards by focusing on: Crosscutting Concept: Structure and function and Science and Engineering Practice: Planning and carrying out investigations.	30	3,4,5,6, 7,8	STEM, Science
12/8/2017	10:10 AM	Shark, Skates and Rays Week	South Carolina Aquarium	Explore Sharks, Rays, and Skates with the South Carolina Aquarium	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	40	2,3,4,5	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					elasmobranchs play in marine ecosystems and why they need to be protected, not feared.			
12/8/2017	11:10 AM	Shark, Skates and Rays Week	South Carolina Aquarium	Explore Sharks, Rays, and Skates with the South Carolina Aquarium	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.	40	2,3,4,5	STEM, Science
12/8/2017	1:10 PM	Shark, Skates and Rays Week	South Carolina Aquarium	Explore Sharks, Rays, and Skates with the South Carolina Aquarium	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.	40	2,3,4,5	STEM, Science
12/11/2017	11:10 AM	National Aviation Day	Pima Air and Space	Aeronautical Design and Problem Solving	Visit the Pima Air & Space Museum where experts from the museum will talk about the issues that aeronautical engineers deal with and how they solved problems when designing the SR-71 Blackbird.	40	5,6,7,8	STEM
12/11/2017	1:10 PM	National Aviation Day	Pima Air and Space	Aeronautical Design and Problem Solving	Visit the Pima Air & Space Museum where experts from the museum will talk about the issues that aeronautical engineers deal with and how they solved problems when designing the SR-71 Blackbird.	40	5,6,7,8	STEM

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
12/12/2017	10:10 AM	World War II Week	National D-Day Memorial, The	A Day That Will Live in Infamy: America Goes to War	Although World War II began two years earlier, it was not until the Japanese attacked the American at Pearl Harbor, Hawaii on December 7, 1941 that the United States officially joined the war. This interactive session examines the role of the United States in World War II from 1939 to Pearl Harbor while remembering the 76th Anniversary of the United States entering the war that changed the course of modern history.	45	6,7,8,9,10,11,12	History
12/12/2017	11:10 AM	Holiday Traditions	Howard Eisenberg (Author)	The Amazing Adventures of SUPERDRE DYEL (and Friends) - Project based, Co-Author Option	Children start this inter-active adventure-filled book as listeners. Before it's over, they've become co-authors -- suggesting endings of their own. The story takes place on the 8-day Jewish holiday of Hanukkah, also known as the Festival of Lights, when children and their parents light one bright additional menorah candle each evening. Then comes the fun part - the giving of presents and the spinning of toy dreidels for pennies or candy. But little dreidels don't suit Rachel and her brother Randell. They decide to build a Super Dreidel, powered by their mother's blender. But when they climb in, they are amazed (and a little scared) to find it flying them deep into space -- not forwards in time but back 2300 years to a final battle between the Hebrew Maccabees and oppressors who want them to abandon their religion. Cruising above the battlefield, Rachel and Randall discover a huge force of Greek and Syrian soldiers hiding in ambush. They survive a crash. Then, wearing tin pots as helmets, and almost crushed by a fighting elephant (but saved by one of the Maccabees), they escape to help win the war. Howard will read the book, but he wonders if the class can write a better ending so he invites them to be co-authors with	30	K, 1, 2	ELA

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					<p>him as part of a Storytelling 101 experiment. At the end of his reading he will say (“Well, children. How about it?”). You’ll want to ask your students to think about possible endings for the book. You can start class brainstorming immediately, or have children go home to dream up ideas and then discuss them -- in teams or together -- the next day until there is general agreement. If you wish to purchase the book in advance you can go to mascotbooks.com and receive a 40% discount using the code TCHR. If you would like to submit the ending that the class agrees upon, email it to sirhowardeisenberg@gmail.com.</p>			

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
12/12/2017	12:10 PM	Holiday Traditions	Howard Eisenberg (Author)	The Amazing Adventures of SUPERDRE DYEL (and Friends) - Project based, Co-Author Option	Children start this inter-active adventure-filled book as listeners. Before it's over, they've become co-authors -- suggesting endings of their own. The story takes place on the 8-day Jewish holiday of Hanukkah, also known as the Festival of Lights, when children and their parents light one bright additional menorah candle each evening. Then comes the fun part - the giving of presents and the spinning of toy dreidels for pennies or candy. But little dreidels don't suit Rachel and her brother Randell. They decide to build a Super Dreidel, powered by their mother's blender. But when they climb in, they are amazed (and a little scared) to find it flying them deep into space -- not forwards in time but back 2300 years to a final battle between the Hebrew Maccabees and oppressors who want them to abandon their religion. Cruising above the battlefield, Rachel and Randall discover a huge force of Greek and Syrian soldiers hiding in ambush. They survive a crash. Then, wearing tin pots as helmets, and almost crushed by a fighting elephant (but saved by one of the Maccabees), they escape to help win the war. Howard will read the book, but he wonders if the class can write a better ending so he invites them to be co-authors with him as part of a Storytelling 101 experiment. At the end of his reading he will say ("Well, children. How about it?"). You'll want to ask your students to think about possible endings for the book. You can start class brainstorming immediately, or have children go home to dream up ideas and then discuss them -- in teams or together -- the next day until there is general agreement. If you wish to purchase the book in advance you can go to mascotbooks.com and	30	K, 1, 2	ELA

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					receive a 40% discount using the code TCHR. If you would like to submit the ending that the class agrees upon, email it to sirhowardeisenberg@gmail.com.			
12/12/2017	1:10 PM	World War II Week	National D-Day Memorial, The	A Day That Will Live in Infamy: America Goes to War	Although World War II began two years earlier, it was not until the Japanese attacked the American at Pearl Harbor, Hawaii on December 7, 1941 that the United States officially joined the war. This interactive session examines the role of the United States in World War II from 1939 to Pearl Harbor while remembering the 76th Anniversary of the United States entering the war that changed the course of modern history.	45	6,7,8,9,10,11,12	History

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
12/13/2017	11:10 AM	Author Series (MS, HS)	Arthur Miller Society	Death of a Salesman	Arthur Miller's iconic 1949 Death of a Salesman explores the life and demise of Willy Loman, a salesman seeking dignity, respect, and, ultimately, meaning in his humble existence. Written after the tradition of classical tragedies, Miller offers a new twist: using an ordinary person as protagonist. Topics for discussion include the following: the definition and significance of the genre of tragedy, its relevance to commoners (as opposed to royals), and its cross-cultural applicability (as the play has been produced internationally). The program includes video footage of the house Miller used to fashion the Loman family home and the house in which Miller lived when he wrote the play. Streaming Sessions with Paula Langteau & Stephen Marino	45	9,10,11,12	Literature
12/13/2017	12:10 PM	Author Series (MS, HS)	Arthur Miller Society	The Crucible	The Crucible is Arthur Miller's play about the 1692 Salem Witch Trials which resulted in the execution of nineteen women and men. Miller wrote the drama because he saw a parallel between the religious hysteria in Puritan Massachusetts and the political climate in 1950s America that resulted in the Communist Witch Hunts. Topics for discussion include the following: How are false accusations proved or disproved? How does one take a stand against religious, political, and social injustice? What happens when lies are believed over truth? How/When do we take a moral stand against persecution? The program includes a video presentation of the sites in Salem Village that have survived the 300 years since the trials.	45	9,10,11,12	Literature

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					Streaming Sessions with Paula Langteau & Stephen Marino			
12/14/2017	11:10 AM	Poetry Monthly	Kenn Nesbitt's Poetry4Kids	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.	30	3,4,5	ELA, Poetry
12/14/2017	12:10 PM	Poetry Monthly	Kenn Nesbitt's Poetry4Kids	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.	30	3,4,5	ELA, Poetry
12/15/2017	11:10 AM	Science Program of the Month	Be4STEM	Test Materials as a Robotics Engineer	This presentation highlights science careers from Unit 4 of "Tiny Science for Great Futures". Activity 1 demonstrates affordable prisms, 3D glasses, multicolored string, petri dishes, food color, milk, dawn dishwasher liquid, toothpick. Scenarios reinforce methods that lab technicians use to investigate physical behavior of color. Activity 2 investigates the separation of color by wavelength through 3D glasses. Scenarios use string to separate the colors of the rainbow into the pattern produced in a prism. Activity 3 poses an interactive problem ~ the dilemma of an astronomer who must construct an argument to support the claim that although the sun appears to be the brightest and largest star, it is medium in size and brightness. Polling features allow mastery of	45	1,2,3	STEM, Technology, Careers

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					experimental techniques at frequent intervals in this session. An open-ended problem posed at the end of the session encourages additional problem solving skill development. Classes are encouraged to share post-lesson solutions with us for additional feedback. Submit follow-up questions, observations, suggestions for scenarios to Diana Palma at be4steminc@gmail.com . See required supply list			
12/15/2017	1:10 PM	CTE/Careers and College Readiness	Tom Thelen	Essential Skills for Success: Creative Problem Solving, Self-Advocacy, Resiliency	Life is like a rollercoaster, and each of us must face our own peaks and valleys along the way. It's easy to thrive when we're at the top and everything is going great, but what about when we're at the bottom? In this session, author Tom Thelen uses real life stories to unlock the secret of resiliency, self-advocacy, and creative problem solving.	45	6,7,8,9,10,11,12	Careers, CTE
12/19/2017	10:10 AM	National Animation Week	The Paley Center for Media	Tooned into Animation	Experience the magic of animation and learn about the process behind one of television's most creative forms. Students will watch a series of clips and have the chance to create their own flip books.	45	4,5,6,7	STEM, Technology
12/19/2017	11:10 AM	National Animation Week	The Paley Center for Media	Tooned into Animation	Experience the magic of animation and learn about the process behind one of television's most creative forms. Students will watch a series of clips and have the chance to create their own flip books.	45	4,5,6,7	STEM, Technology
12/19/2017	1:10 PM	National Animation Week	The Paley Center for Media	Tooned into Animation	Experience the magic of animation and learn about the process behind one of television's most creative forms. Students will watch a series of clips and have the chance to create their own flip books.	45	4,5,6,7	STEM, Technology

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
12/21/2017	12:10 PM	Holiday Traditions	Kenn Nesbitt's Poetry4Kids	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.	30	1,2,3,4	ELA, Poetry
1/8/2018	10:10 AM	Rock and Fossil Week	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.	40	9,10,11,12	STEM, Earth Sciences
1/8/2018	12:10 PM	Rock and Fossil Week	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.	40	6,7,8,9	STEM, Science
1/8/2018	1:10 PM	Rock and Fossil Week	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	40	4,5	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					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.			
1/11/2018	11:10 AM	Rock and Fossil Week	Royal Tyrrell Museum of Palaeontology	Up Close and 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.	45	K,1,2,3	STEM, Science
1/11/2018	1:10 PM	Rock and Fossil Week	Royal Tyrrell Museum of Palaeontology	Up Close and 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.	45	4,5,6,7,8	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
1/12/2018	10:10 AM	Martin Luther King Observance	Bena Hartman (Author)	A Picture book that honors and extends the legacy of Dr. Martin Luther King, Jr.	Looking for a picture book and live reading program in observance of Dr. Martin Luther King, Jr. holiday? This session is about engaging students in discussions and activities about social justice and equality using a book titled My Elephant-Sized Dream written by me, Bena Hartman and illustrated by Shelly Lipscomb. Pre-program Activities - You can help prepare your students for our program by listening to recordings of Dr. King's 'I Have a Dream' speech, making a semantic web on what your students already know about Dr. King's speech, and reading books about Dr. King. Post-program Activity - As a follow-up to our program, we recommend asking students to write down or draw a picture of what their elephant-sized dream is. Students can also share their Story Impression with the class and complete a Venn diagram comparing their story to My Elephant-Sized Dream.	40	K,1,2,3	History, ELA
1/12/2018	11:10 AM	Martin Luther King Observance	Bena Hartman (Author)	A Picture book that honors and extends the legacy of Dr. Martin Luther King, Jr.	Looking for a picture book and live reading program in observance of Dr. Martin Luther King, Jr. holiday? This session is about engaging students in discussions and activities about social justice and equality using a book titled My Elephant-Sized Dream written by me, Bena Hartman and illustrated by Shelly Lipscomb. Pre-program Activities - You can help prepare your students for our program by listening to recordings of Dr. King's 'I Have a Dream' speech, making a semantic web on what your students already know about Dr. King's speech, and reading books about Dr. King. Post-program Activity - As a follow-up to our program, we recommend asking students to write down or draw a picture of what their elephant-sized dream is. Students can also	40	K,1,2,3	History, ELA

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					share their Story Impression with the class and complete a Venn diagram comparing their story to My Elephant-Sized Dream.			
1/12/2018	1:10 PM	Martin Luther King Observance	Bena Hartman (Author)	A Picture book that honors and extends the legacy of Dr. Martin Luther King, Jr.	Looking for a picture book and live reading program in observance of Dr. Martin Luther King, Jr. holiday? This session is about engaging students in discussions and activities about social justice and equality using a book titled My Elephant-Sized Dream written by me, Bena Hartman and illustrated by Shelly Lipscomb. Pre-program Activities - You can help prepare your students for our program by listening to recordings of Dr. King's 'I Have a Dream' speech, making a semantic web on what your students already know about Dr. King's speech, and reading books about Dr. King. Post-program Activity - As a follow-up to our program, we recommend asking students to write down or draw a picture of what their elephant-sized dream is. Students can also share their Story Impression with the class and complete a Venn diagram comparing their story to My Elephant-Sized Dream.	40	K,1,2,3	History, ELA
1/16/2018	10:10 AM	Art Appreciation Month	Museum of Fine Arts Boston	Medieval and Renaissance Art	Students will 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 time periods and how they influenced art making.	40	6,7,8	Art, History

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
1/16/2018	12:10 PM	Art Appreciation Month	Museum of Fine Arts Boston	Medieval and Renaissance Art	Students will 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 time periods and how they influenced art making.	40	6,7,8	Art, History
1/16/2018	1:10 PM	Art Appreciation Month	Museum of Fine Arts Boston	Medieval and Renaissance Art	students will 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 time periods and how they influenced art making.	40	6,7,8	Art, History
1/17/2018	11:10 AM	Video Gaming Series	Team Kaizen and Ingenium	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.	40	6,7,8	STEM, Science
1/17/2018	1:10 PM	Video Gaming Series	Team Kaizen and Ingenium	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.	40	6,7,8	STEM, Science
1/17/2018	2:10 PM	Video Gaming Series	Team Kaizen and Ingenium	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.	40	6,7,8	STEM, Science
1/18/2018	10:10 AM	CTE/Careers and College Readiness	Tom Thelen	Essential Skills for Success: Time Management and Multitasking	We all have the same amount of time every day – 24 hours – but clearly, some people discover how to maximize their time and their tasks. These people are driven toward high accomplishment and achievement. Today we call them “over-achievers;” tomorrow we call them “boss.” In this interactive session, author Tom Thelen opens up his “Time Management Toolbox” unpacking the tools he uses for time management and multitasking.	45	6,7,8,9,10,11,12	Careers, CTE
1/18/2018	1:10 PM	Art Appreciation Month	Museum of Photographic Arts	Contemporary Photography: Picturing Big Ideas	Join the Museum of Photographic Arts for a candid exploration of contemporary art photography, where it's all about the concept. These artists are using the medium to engage the viewer in a dialogue, but it isn't always pretty	45	8,9,10,11,12	Art

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					or easy. So what's the big idea and why should we care?			
1/18/2018	2:10 PM	Art Appreciation Month	Museum of Photographic Arts	Contemporary Photography: Picturing Big Ideas	Join the Museum of Photographic Arts for a candid exploration of contemporary art photography, where it's all about the concept. These artists are using the medium to engage the viewer in a dialogue, but it isn't always pretty or easy. So what's the big idea and why should we care?	45	8,9,10,11,12	Art
1/19/2018	11:10 AM	Science Program of the Month	Be4STEM	Examine How Small Can Be	This presentation highlights science careers from Unit 5 of "Tiny Science for Great Futures". Activity 1 demonstrates affordable sets of large to small balls, forceps, magnifiers, petri dishes as the balls are arranged from largest to smallest. Scenarios reinforce how materials testing engineers investigate how tiny particles can be used to create coatings. Activity 2 demonstrates how assorted fabrics appear when magnified with a USB microscope. Scenarios reinforce how geometric patterns and shapes are discovered in testing labs using thin films of clear nail polish. Activity 3 poses an interactive problem ~ the dilemma of how a materials lab technician determines the best molecules to use in a new material coating. Polling features allow mastery of testing techniques at frequent intervals in this session. An open-ended problem posed at the end of the session encourages additional problem solving skill development. Classes are encouraged to share post-lesson solutions with us for additional feedback. Submit follow-up questions, observations, suggestions for scenarios to Diana Palma at	45	1,2,3	STEM, Technology, Careers

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					be4steminc@gmail.com. See required supply list.			
1/22/2018	12:10 PM	CTE/Careers and College Readiness	Sea Turtle, Inc.	Ready, Set, Turtle Vet!	Join us at a sea turtle hospital in south Texas and learn about injuries and threats facing sea turtles in the wild and the work Sea Turtle, Inc. is doing to help. Program includes live visits from some of our current patients at Sea Turtle, Inc.!	40	6,7,8,9,10,11,12	Careers, Science
1/22/2018	1:10 PM	CTE/Careers and College Readiness	Sea Turtle, Inc.	Ready, Set, Turtle Vet!	Join us at a sea turtle hospital in south Texas and learn about injuries and threats facing sea turtles in the wild and the work Sea Turtle, Inc. is doing to help. Program includes live visits from some of our current patients at Sea Turtle, Inc.!	40	6,7,8,9,10,11,12	Careers, Science
1/23/2018	11:10 AM	Science Experiment of the Month	Liberty Science Center	It's not magic, it's Science!	Students will explore energy transformation, sinking & floating, and the science of the bed of nails.	45	1,2,3,4,5,6,7,8	STEM, Science
1/24/2018	10:10 AM	CTE/Careers and College Readiness	Tom Thelen	Essential Skills for Success: Digital Citizenship - Your digital footprint and possible	Through social media we have infinite publishing possibilities, both for the good and for the bad. Every site we visit, every app we use, leaves a "digital footprint" with potential consequences that can last a lifetime. In this session, author Tom Thelen discusses the wisdom of placing some self-imposed limits on our digital life. Real-life examples will be	45	6,7,8,9,10,11,12	Careers, CTE

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
				consequences	included of teens who have accomplished great things online and others who have had to live with the regret of their destructive decisions.			
1/24/2018	11:10 AM	Rock and Fossil Week	Museum of the Rockies	Learning from Fossils: Studying Dinosaur Growth & Behavior	To celebrate Rock and Fossil Week, explore what fossils can tell us about how dinosaurs lived and died. Museum of the Rockies paleontologists will share how cutting fossils and studying thin sections under a microscope can reveal new insight into dinosaur growth and behavior.	45	6,7,8,9,10,11,12	STEM, Science
1/24/2018	1:10 PM	Rock and Fossil Week	Museum of the Rockies	Learning from Fossils: Studying Dinosaur Growth & Behavior	To celebrate Rock and Fossil Week, explore what fossils can tell us about how dinosaurs lived and died. Museum of the Rockies paleontologists will share how cutting fossils and studying thin sections under a microscope can reveal new insight into dinosaur growth and behavior.	45	6,7,8,9,10,11,12	STEM, Science
1/26/2018	11:10 AM	The World Around Us: International Holocaust Remembrance Day	Global Education Motivators , 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.	30	9,10,11,12	History, International, Africa, Holocaust
1/26/2018	12:10 PM	Weather Program of the Month	Mount Washington Observatory	Snowfall and Precipitation	New Hampshire’s Mt. Washington receives twice as much rain and snowfall as the surrounding landscape. Why do mountains get so much precipitation? We’ll talk to scientists stationed at the Mount Washington Observatory and learn about the importance of mountains in	40	6,7,8	STEM, Weather

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					the water cycle, and how this important environmental factor is measured. We'll also explore the different kinds of precipitation we experience along with a few historical rain and snowfall events from around the region.			
1/26/2018	1:10 PM	Weather Program of the Month	Mount Washington Observatory	Snowfall and Precipitation	New Hampshire's Mt. Washington receives twice as much rain and snowfall as the surrounding landscape. Why do mountains get so much precipitation? We'll talk to scientists stationed at the Mount Washington Observatory and learn about the importance of mountains in the water cycle, and how this important environmental factor is measured. We'll also explore the different kinds of precipitation we experience along with a few historical rain and snowfall events from around the region.	40	3,4,5	STEM, Weather
1/29/2018	11:10 AM	Mathematics	American College of the Building Arts	Applied Geometry	Learn from the students at the American College of Building Arts how geometry is used in the in the fields of building arts. Students studying architectural carpentry will discuss and demonstrate how geometry used in both timber framing and carpentry The American College of the Building Arts is unlike any other college in the world. ACBA is the only college in the country to offer an Associate and Bachelor of Applied Science degree in the Building Arts. Classes in the traditional liberal arts are integrated with architecture, design, historic preservation, drawing and drafting, architectural history, material science, management and construction.	40	6,7,8,9,10	STEM, Math

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
1/29/2018	12:10 PM	Mathematics	American College of the Building Arts	Applied Geometry	Learn from the students at the American College of Building Arts how geometry is used in the in the fields of building arts. Students studying architectural carpentry will discuss and demonstrate how geometry used in both timber framing and carpentry The American College of the Building Arts is unlike any other college in the world. ACBA is the only college in the country to offer an Associate and Bachelor of Applied Science degree in the Building Arts. Classes in the traditional liberal arts are integrated with architecture, design, historic preservation, drawing and drafting, architectural history, material science, management and construction.	40	6,7,8,9,10	STEM, Math
1/30/2018	1:10 PM	Author Series (MS, HS)	National Steinbeck Center	Of Mice and Men	The National Steinbeck Center in Salinas, CA, Steinbeck's hometown, honors the Nobel prize winning author. Interactive museum exhibits trace his life and works. The National Steinbeck Center archives house artifacts, manuscripts and letters, first editions, and interviews with Steinbeck's family and friends. Educational and public programs on Steinbeck and his contemporary relevance are held throughout the year.	45	9,10,11,12	Literature
1/30/2018	2:10 PM	Author Series (MS, HS)	National Steinbeck Center	Of Mice and Men	The National Steinbeck Center in Salinas, CA, Steinbeck's hometown, honors the Nobel prize winning author. Interactive museum exhibits trace his life and works. The National Steinbeck Center archives house artifacts, manuscripts and letters, first editions, and interviews with Steinbeck's family and friends. Educational and public programs on Steinbeck and his contemporary relevance are held throughout the year.	45	9,10,11,12	Literature

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
1/31/2018	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. We'll classify based on vertebrates and invertebrates. The students will even get to develop their own classification groupings within their teams.	45	3, 4, 5, 6	Science
1/31/2018	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. We'll classify based on vertebrates and invertebrates. The students will even get to develop their own classification groupings within their teams.	45	3, 4, 5, 6	Science
1/31/2018	1:10 PM	Author Series (MS, HS)	National Steinbeck Center	East of Eden	The National Steinbeck Center in Salinas, CA, Steinbeck's hometown, honors the Nobel prize winning author. Interactive museum exhibits trace his life and works. The National Steinbeck Center archives house artifacts, manuscripts and letters, first editions, and interviews with Steinbeck's family and friends. Educational and public programs on Steinbeck and his contemporary relevance are held throughout the year.	45	9,10,11, 12	Literature
1/31/2018	2:10 PM	Author Series (MS, HS)	National Steinbeck Center	East of Eden	The National Steinbeck Center in Salinas, CA, Steinbeck's hometown, honors the Nobel prize winning author. Interactive museum exhibits trace his life and works. The National Steinbeck Center archives house artifacts, manuscripts and letters, first editions, and interviews with Steinbeck's family and friends. Educational and public programs on	45	9,10,11, 12	Literature

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					Steinbeck and his contemporary relevance are held throughout the year.			
2/1/2018	10:10 AM	Black History Month	National Women's History Museum	Standing Up for Change: African American Women and the Civil Rights Movement	In the 20th century, African American women formed the backbone of the modern Civil Rights Movement. They were the critical mass, the grassroots leaders challenging America to embrace justice and equality for all. This program discusses women's critical roles in the Montgomery Bus Boycott, Little Rock's Central High School integration, and the little-known women behind the scenes of the 1963 March on Washington for Jobs and Freedom. Join us to explore the Civil Rights Movement through the perspectives of its women leaders.	40	9,10,11,12	History
2/1/2018	11:10 AM	Black History Month	National Women's History Museum	Standing Up for Change: African American Women and the Civil Rights Movement	In the 20th century, African American women formed the backbone of the modern Civil Rights Movement. They were the critical mass, the grassroots leaders challenging America to embrace justice and equality for all. This program discusses women's critical roles in the Montgomery Bus Boycott, Little Rock's Central High School integration, and the little-known women behind the scenes of the 1963 March on Washington for Jobs and Freedom. Join us to explore the Civil Rights Movement through the perspectives of its women leaders.	40	6,7,8,9	History
2/1/2018	1:10 PM	Black History Month	National Women's History Museum	Standing Up for Change: African American Women and the Civil Rights Movement	In the 20th century, African American women formed the backbone of the modern Civil Rights Movement. They were the critical mass, the grassroots leaders challenging America to embrace justice and equality for all. This program discusses women's critical roles in the Montgomery Bus Boycott, Little Rock's Central High School integration, and the little-known	40	4,5,6	History

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					women behind the scenes of the 1963 March on Washington for Jobs and Freedom. Join us to explore the Civil Rights Movement through the perspectives of its women leaders.			
2/2/2018	11:10 AM	Author Series (Early Readers)	Howard Eisenberg (Author)	Guess Who Farm	"Old MacDonald had a farm/ His son wanted one, too/ So Young MacDonald worked and worked/ Until his bankroll grew." That's how this inter-active rhyming Guess Who book begins. It's "fun that educates" as the farm animals Young Mac has purchased to start his farm refuse to leave the big trailer truck they've arrived in until he guesses their names But Young Mac is a terrible guesser. "So," the book continues, "Will you help him guess/ It's a kind thing to do/ Right now please turn the page/ Mac's farm depends on you," There are 11 animals to guess, followed by a special section called, "If Animals Could talk." In it, the farm's animals confide fascinating little-known facts about themselves. If you wish to purchase the book in advance you can go to mascotbooks.com and receive a 40% discount using the code TCHR.	30	K,1, 2	ELA
2/2/2018	12:10 PM	Author Series (Early Readers)	Howard Eisenberg (Author)	Guess Who Farm	"Old MacDonald had a farm/ His son wanted one, too/ So Young MacDonald worked and worked/ Until his bankroll grew." That's how this inter-active rhyming Guess Who book begins. It's "fun that educates" as the farm animals Young Mac has purchased to start his farm refuse to leave the big trailer truck they've arrived in until he guesses their names But Young Mac is a terrible guesser. "So," the book continues, "Will you help him guess/ It's a kind thing to do/ Right now please turn the page/	30	K,1, 2	ELA

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					Mac's farm depends on you," There are 11 animals to guess, followed by a special section called, "If Animals Could talk." In it, the farm's animals confide fascinating little-known facts about themselves. If you wish to purchase the book in advance you can go to mascotbooks.com and receive a 40% discount using the code TCHR.			
2/5/2018	10:10 AM	Black History Month	The Gibbes Art Museum	Rice to Rights: Part 1	From wealthy planters to their enslaved workers, each work of art tells a part of the story. Join us as we explore the origins and the impact of the rice trade and slavery in South Carolina traced through works of art at the Gibbes Art Museum. The story continues in Rice to Rights: Part 2.	45	3,4,5	History, Art
2/5/2018	12:10 PM	CTE/College and Career Readiness	Mount Washington Observatory	Careers in Weather	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!	40	6,7,8	Careers, Science
2/5/2018	1:10 PM	CTE/College and Career Readiness	Mount Washington Observatory	Careers in Weather	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	40	3,4,5	Careers, Science

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					mph! You'll never think of scientists the same way again!			
2/5/2018	2:10 PM	Black History Month	The Gibbes Art Museum	Rice to Rights: Part 1	From wealthy planters to their enslaved workers, each work of art tells a part of the story. Join us as we explore the origins and the impact of the rice trade and slavery in South Carolina traced through works of art at the Gibbes Art Museum. The story continues in Rice to Rights: Part 2.	45	3,4,5	History, Art
2/6/2018	11:10 AM	Black History Month	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?	45	7,8,9,10,11,12	History
2/6/2018	1:10 PM	Black History Month	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	45	3,4,5,6	History

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					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?			
2/7/2018	11:10 AM	Author Series (MS, HS)	Arthur Miller Society	Death of a Salesman	Arthur Miller's iconic 1949 Death of a Salesman explores the life and demise of Willy Loman, a salesman seeking dignity, respect, and, ultimately, meaning in his humble existence. Written after the tradition of classical tragedies, Miller offers a new twist: using an ordinary person as protagonist. Topics for discussion include the following: the definition and significance of the genre of tragedy, its relevance to commoners (as opposed to royals), and its cross-cultural applicability (as the play has been produced internationally). The program includes video footage of the house Miller used to fashion the Loman family home and the house in which Miller lived when he wrote the play. Streaming Sessions with Paula Langteau & Stephen Marino	45	9,10,11, 12	Literature

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
2/7/2018	12:10 PM	Author Series (MS, HS)	Arthur Miller Society	The Crucible	The Crucible is Arthur Miller's play about the 1692 Salem Witch Trials which resulted in the execution of nineteen women and men. Miller wrote the drama because he saw a parallel between the religious hysteria in Puritan Massachusetts and the political climate in 1950s America that resulted in the Communist Witch Hunts. Topics for discussion include the following: How are false accusations proved or disproved? How does one take a stand against religious, political, and social injustice? What happens when lies are believed over truth? How/When do we take a moral stand against persecution? The program includes a video presentation of the sites in Salem Village that have survived the 300 years since the trials. Streaming Sessions with Paula Langteau & Stephen Marino	45	9,10,11, 12	Literature
2/8/2018	11:10 AM	Video Gaming Series	Team Kaizen and Ingenium	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.	40	9,10,11, 12	STEM, Science
2/8/2018	1:10 PM	Video Gaming Series	Team Kaizen and Ingenium	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.	40	9,10,11, 12	STEM, Science
2/8/2018	2:10 PM	Video Gaming Series	Team Kaizen and Ingenium	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.	40	9,10,11, 12	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
2/9/2018	11:10 AM	Author Series (Early Readers)	Jonathan Miller (Author)	An 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.	45	2,3,4,5	ELA
2/12/2018	12:10 PM	Black History Month	The Gibbes Art Museum	Rice to Rights: Part 2	From emancipation to the Civil Rights movement, each work of art tells a part of the story. Following Rice to Rights: Part 1, we'll examine the impact and legacy of slavery through to twentieth and twenty-first centuries.	45	3,4,5	History, Art
2/12/2018	2:10 PM	Black History Month	The Gibbes Art Museum	Rice to Rights: Part 2	From emancipation to the Civil Rights movement, each work of art tells a part of the story. Following Rice to Rights: Part 1, we'll examine the impact and legacy of slavery through to twentieth and twenty-first centuries.	45	3,4,5	History, Art
2/13/2018	11:10 AM	Poetry Monthly	Kenn Nesbitt's Poetry4Kids	Writing Poetry – How to Write Diamantes	February marks the birth of Iris Tiedt, the creator of the popular poetic form, the diamante. In this session, you'll discover the history of the diamante, and, with plenty of examples, learn how to construct your own diamantes.	30	3,4,5	ELA, Poetry

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
2/13/2018	12:10 PM	Poetry Monthly	Kenn Nesbitt's Poetry4Kids	Writing Poetry – How to Write Diamantes	February marks the birth of Iris Tiedt, the creator of the popular poetic form, the diamante. In this session, you'll discover the history of the diamante, and, with plenty of examples, learn how to construct your own diamantes.	30	3,4,5	ELA, Poetry
2/14/2018	10:10 AM	Revolutionary War Day	Delaware Historical Society	American Revolution, Choosing Independence & Fighting for Freedom	This day in 1783 marks the end of the war as England officially declares an end to all hostilities with America. The small colony of Delaware played an important role in the political and military events that helped shape the outcome of the American Revolution. Through the experiences of actual citizens and soldiers, explore one of the original thirteen colonies' role in choosing independence and fighting for freedom.	45	4,5,6,7,8,9,10	History
2/14/2018	12:10 PM	CTE/Careers and College Readiness	Quinta Mazatlan	Environmental Science: Urban Ecologist	Quinta Mazatlan represents something vital that has happened around the whole nation -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	30	7,8,9,10,11,12	STEM, Science, Careers
2/15/2018	10:10 AM	Black History Month	Slave Dwelling Project	American Slavery as told through the preservation of slave dwellings	Join Joseph McGill & The Slave Dwelling Project whose mission it is to identify and assist property owners, government agencies and organizations to preserve extant slave dwellings. The Slave Dwelling Project is actively preserving the history surrounding the daily life of slaves as well as the story of slavery.	45	5,6,7	History

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
2/15/2018	11:10 AM	Black History Month	Slave Dwelling Project	American Slavery as told through the preservation of slave dwellings	Join Joseph McGill & The Slave Dwelling Project whose mission it is to identify and assist property owners, government agencies and organizations to preserve extant slave dwellings. The Slave Dwelling Project is actively preserving the history surrounding the daily life of slaves as well as the story of slavery.	45	5,6,7	History
2/15/2018	1:10 PM	Black History Month	Slave Dwelling Project	American Slavery as told through the preservation of slave dwellings	Join Joseph McGill & The Slave Dwelling Project whose mission it is to identify and assist property owners, government agencies and organizations to preserve extant slave dwellings. The Slave Dwelling Project is actively preserving the history surrounding the daily life of slaves as well as the story of slavery.	45	5,6,7	History
2/16/2018	10:10 AM	Black History Month	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.	45	3,4,5,6,7,8,9,10,11,12	History
2/16/2018	11:10 AM	Science Program of the Month	Be4STEM	Choose the Best Animal Homes in the Zoo	This presentation highlights science careers in Unit 6 of "Tiny Science for Great Futures". Activity 1 examines multiple soils with affordable magnifying boxes, pipettes, magnifiers and petri dishes. Scenarios introduce careers that study how to match animals with their proper soil habitat. Activity 2 presents cards for life cycles of different animals. Scenarios reinforce making choices for the best soil for the animals' life cycles. Activity 3 poses an interactive problem ~ Explain how you would construct a habitat for your animal in your home zoo. Polling features allow mastery of decision-making techniques at frequent intervals in this session. An open-	45	1,2,3	STEM, Science, Careers

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					ended problem posed at the end of the session encourages additional problem solving skill development. Classes are encouraged to share post-lesson solutions with us for additional feedback. Submit follow-up questions, observations, suggestions for scenarios to Diana Palma at be4steminc@gmail.com . See required supply list.			
2/16/2018	12:10 PM	The World Around Us: Chinese New Year 2018	Global Education Motivators , United Nations NGO	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 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?	30	6,7,8,9,10,11,12	Social Studies, History
2/16/2018	1:10 PM	Black History Month	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.	45	3,4,5,6,7,8,9,10,11,12	History

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
2/20/2018	10:10 AM	Black History Month	Southern Food and Beverage Museum	Southern Food: the African Influence	From gumbo to macaroni and cheese, many iconic Southern meals were created or influenced by enslaved Africans. Combining the cooking techniques of Africa with southern produce and limited resources created new recipes that are beloved today by people of all backgrounds. Learn about popular Southern cuisines and the story behind them that Africans, and necessity, invented.	45	7,8,9,10,11,12	History, Social Studies
2/20/2018	11:10 PM	Black History Month	Southern Food and Beverage Museum	Southern Food: the African Influence	From gumbo to macaroni and cheese, many iconic Southern meals were created or influenced by enslaved Africans. Combining the cooking techniques of Africa with southern produce and limited resources created new recipes that are beloved today by people of all backgrounds. Learn about popular Southern cuisines and the story behind them that Africans, and necessity, invented.	45	7,8,9,10,11,12	History, Social Studies
2/20/2016	12:10 PM	The World Around Us: World Day of Social Justice	Global Education Motivators , United Nations NGO	Social Justice: Through the Eyes of Africa	Each year, the United Nations recognizes the World Day of Social Justice on February 20. Social justice is upheld when we promote gender equality or the rights of indigenous peoples and migrants. Social justice is advanced when we remove barriers that people face because of gender, age, race, ethnicity, religion, culture, or disability. This program will look at the stereotypes about Africa. The program will help students better understand the culture of Central Africa and how the people there live, work, and play. Presenter Edmond Mbadu is from the Democratic Republic of Congo. He is one of GEM's Youth Representatives to the United Nations. Edmond speaks several languages, and is an athlete and accomplished jazz pianist.	30	6,7,8,9,10,11,12	History, Social Studies

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2/20/2018	1:10 PM	Black History Month	Southern Food and Beverage Museum	Southern Food: the African Influence	From gumbo to macaroni and cheese, many iconic Southern meals were created or influenced by enslaved Africans. Combining the cooking techniques of Africa with southern produce and limited resources created new recipes that are beloved today by people of all backgrounds. Learn about popular Southern cuisines and the story behind them that Africans, and necessity, invented.	45	7,8,9,10,11,12	History, Social Studies
2/21/2018	9:10 AM	Engineering Week	National Building Museum	Engineering Solutions	This program will investigate the role of engineers, who work to make the buildings around us stronger and safer. Students will learn how forces, such as compression and tension, act on buildings, and how engineers address the challenge of loads and forces using elements such as columns, arches, trusses and domes! See these engineering principles at work in National Building Museum's historic home, and explore other famous buildings from across the globe in the Museum's exhibition "Around the World in 80 Paper Models."	40	4,5,6,7,8,9	STEM
2/21/2018	10:10 AM	Engineering Week	National Building Museum	Engineering Solutions	This program will investigate the role of engineers, who work to make the buildings around us stronger and safer. Students will learn how forces, such as compression and tension, act on buildings, and how engineers address the challenge of loads and forces using elements such as columns, arches, trusses and domes! See these engineering principles at work in National Building Museum's historic home, and explore other famous buildings from across the globe in the Museum's exhibition "Around the World in 80 Paper Models."	40	4,5,6,7,8,9	STEM

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
2/21/2018	11:10 AM	Engineering Week	The Center for Learning with Nature	The Fascinating World of Technology Inspired by Nature	Did you know the idea for Velcro came from those seeds that stick to your pant legs after a hike? Or that the human ear inspired the phone? We think of Nature and technology as opposites, but actually the natural world has been inspiring inventors for centuries. Today, Nature-inspired invention is the way companies innovate, and the way colleges teach engineering. Come learn how Nature inspires creativity in people to invent amazing things, and give your students the opportunity to try out Nature-inspired inventing for themselves!	40	4,5	STEM, Technology
2/21/2018	12:10 AM	Engineering Week	National Building Museum	Engineering Solutions	This program will investigate the role of engineers, who work to make the buildings around us stronger and safer. Students will learn how forces, such as compression and tension, act on buildings, and how engineers address the challenge of loads and forces using elements such as columns, arches, trusses and domes! See these engineering principles at work in National Building Museum's historic home, and explore other famous buildings from across the globe in the Museum's exhibition "Around the World in 80 Paper Models."	40	4,5,6,7,8,9	STEM
2/21/2018	1:10 PM	Engineering Week	The Center for Learning with Nature	The Fascinating World of Technology Inspired by Nature	Did you know the idea for Velcro came from those seeds that stick to your pant legs after a hike? Or that the human ear inspired the phone? We think of Nature and technology as opposites, but actually the natural world has been inspiring inventors for centuries. Today, Nature-inspired invention is the way companies innovate, and the way colleges teach engineering. Come learn how Nature inspires creativity in people to invent amazing things, and give your students the opportunity to try out Nature-inspired inventing for themselves!	40	4,5	STEM, Technology

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2/22/2018	10:10 AM	CTE/Careers and College Readiness	Royal Botanical Gardens	Careers in Horticulture	Discover the world of horticulture – in the lab and in the garden. What goes into creating a public garden – a living museum? How do they keep track of these plants? What do they do with the herbarium specimens? How can these be used to explore a connection between plants and climate change, not just locally, but globally? Have you heard of using horticulture as a therapy? Let us introduce you to a staff member and the work that they love in the field of horticulture.	30	6,7,8,9,10,11,12	Careers, Science, STEM
2/22/2018	11:10 AM	Engineering Week	The Center for Learning with Nature	The Fascinating World of Technology Inspired by Nature	Did you know the idea for Velcro came from those seeds that stick to your pant legs after a hike? Or that the human ear inspired the phone? We think of Nature and technology as opposites, but actually the natural world has been inspiring inventors for centuries. Today, Nature-inspired invention is the way companies innovate, and the way colleges teach engineering. Come learn how Nature inspires creativity in people to invent amazing things, and give your students the opportunity to try out Nature-inspired inventing for themselves!	40	7,8,9,10,11,12	STEM, Technology

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2/22/2018	1:10 PM	Engineering Week	The Center for Learning with Nature	The Fascinating World of Technology Inspired by Nature	Did you know the idea for Velcro came from those seeds that stick to your pant legs after a hike? Or that the human ear inspired the phone? We think of Nature and technology as opposites, but actually the natural world has been inspiring inventors for centuries. Today, Nature-inspired invention is the way companies innovate, and the way colleges teach engineering. Come learn how Nature inspires creativity in people to invent amazing things, and give your students the opportunity to try out Nature-inspired inventing for themselves!	40	7,8,9,10,11,12	STEM, Technology
2/23/2018	10:10 AM	President's Month	Ford's Theatre	President Lincoln's Legacy	President Lincoln's assassination in 1865 may have been the end of his life, but it was the beginning of his legacy. From the Civil War to Civil Rights to today, Ford's Theatre and the Lincoln Memorial have served as stages from which we celebrate President Lincoln and the things that mattered to him: unity, creativity and the right to rise.	45	4,5,6,7,8	History
2/23/2018	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	40	3,4,5	STEAM

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					through the design and planning phase before they complete their creations. We can't wait to see the results.			
2/23/2018	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 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.	40	3,4,5	STEAM
2/23/2018	2:10 PM	President's Month	Ford's Theatre	President Lincoln's Legacy	President Lincoln's assassination in 1865 may have been the end of his life, but it was the beginning of his legacy. From the Civil War to Civil Rights to today, Ford's Theatre and the Lincoln Memorial have served as stages from which we celebrate President Lincoln and the things that mattered to him: unity, creativity and the right to rise.	45	4,5,6,7,8	History
2/26/2018	10:10 AM	Westward Expansion	Roper Mountain Science Center	Wagon's West	Come with us on a journey to the Oregon Territory! Your class will start with an auction where your "families" will bid on necessary items for their trek west. The students will make all the decisions themselves before we set out on our trip. This auction will take place before our actual program. During our program students will find out if they made wise choices. Using maps, a slide show and video clips, we will look at several landmarks along the way and calculate how far we have traveled. The students will find out what it was really like to travel across	45	3,4,5, 6	History

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					the Great Plain, rivers and mountains to finally arrive in Oregon City. This lesson is enhanced by completing the auction before our time together. If you are unable you may just hand out the items, if needed.			
2/26/2018	1:10 PM	Westward Expansion	Roper Mountain Science Center	Wagon's West	Come with us on a journey to the Oregon Territory! Your class will start with an auction where your "families" will bid on necessary items for their trek west. The students will make all the decisions themselves before we set out on our trip. This auction will take place before our actual program. During our program students will find out if they made wise choices. Using maps, a slide show and video clips, we will look at several landmarks along the way and calculate how far we have traveled. 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. This lesson is enhanced by completing the auction before our time together. If you are unable you may just hand out the items, if needed.	45	3,4,5, 6	History

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
2/27/2018	10:10 AM	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.	45	6,7,8,9	STEM, Science, Sustainability
2/27/2018	11:10 AM	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.	45	6,7,8,9	STEM, Science, Sustainability

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
2/27/2018	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 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.	45	6,7,8,9	STEM, Science, Sustainability
2/28/2018	12:10 PM	The World Around Us: World NGO Day	Global Education Motivators , 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.	40	7,8,9,10,11,12	History, Social Studies, Civics

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
3/2/2018	10:10 AM	Author Series (Early Readers)	Lese Dunton (Author)	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.	30	1,2,3,4	Literature
3/2/2018	11:10 AM	Author Series (Early Readers)	Lese Dunton (Author)	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	30	1,2,3,4	Literature

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					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.			
3/2/2018	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.	30	1,2,3,4	ELA, Literature
3/2/2018	1:10 PM	CTE/Careers and College Readiness	Jordan Alexander	The Life of a Freelance Musician — Making Music a Career	Are you in love with music? Ever thought of making a career out of it? Join pianist, guitarist, teacher, and composer Jordan Alexander as he explains some of the inner workings of the life of a freelance musician — detailing what is required in both education and daily work in order to live a life surrounded by music.	30	5,6,7,8,9,10,11,12	Careers, Music
3/5/2018	11:10 AM	Music in Our Schools Month	River Music Experience	River Currents	Experience both visual and musical art first hand. Students grade 4-6 will learn about the history and evolution of American roots music, and it’s migration up the river – from the cotton field to the big city. Content includes live music performance and narrative on early spirituals, gospel, jazz, blues, country, the birth of rock and roll, and the traditions passed on into contemporary music.	50	4,5,6	Music, History
3/5/2018	12:10 PM	Music in Our Schools Month	River Music Experience	River Currents	Experience both visual and musical art first hand. Students grade 4-6 will learn about the history and evolution of American roots music, and it’s migration up the river – from the cotton	50	4,5,6	Music, History

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					field to the big city. Content includes live music performance and narrative on early spirituals, gospel, jazz, blues, country, the birth of rock and roll, and the traditions passed on into contemporary music.			
3/5/2018	1:10 PM	Music in Our Schools Month	River Music Experience	River Currents	Experience both visual and musical art first hand. Students grade 4-6 will learn about the history and evolution of American roots music, and it's migration up the river – from the cotton field to the big city. Content includes live music performance and narrative on early spirituals, gospel, jazz, blues, country, the birth of rock and roll, and the traditions passed on into contemporary music.	50	3,4,5	Music, History
3/6/2018	12:10 PM	Weather Program of the Month	Mount Washington Observatory	Alpine Zone	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.	40	6,7,8	STEM, Science
3/6/2018	1:10 PM	Weather Program of the Month	Mount Washington Observatory	Alpine Zone	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.	40	3,4,5	STEM, Science
3/7/2018	11:10 AM	CTE/Careers and College Readiness	Team Kaizen and Ingenium	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	30	4,5,6,7, 8,9,10,11,12	STEM, Technology, Careers

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					information on how to take their favorite past time and turn it into a viable career path!			
3/7/2018	1:10 PM	CTE/Careers and College Readiness	Team Kaizen and Ingenium	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!	30	4,5,6,7, 8,9,10,11,12	STEM, Technology, Careers
3/7/2018	2:10 PM	CTE/Careers and College Readiness	Team Kaizen and Ingenium	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!	30	4,5,6,7, 8,9,10,11,12	STEM, Technology, Careers
3/8/2018	12:10 PM	The World Around Us: International Women's Day	Global Education Motivators , 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.	40	6,7,8,9, 10,11,12	Social Studies, History, International

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
3/9/2018	10:10 AM	Harriet Tubman Day	Delaware Historic 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.	40	3,4,5,6,7,8,9,10,11,12	History
3/9/2018	12:10 PM	Harriet Tubman Day	Delaware Historic 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.	45	3,4,5,6,7,8,9,10,11,12	History
3/12/2018	1:10 PM	Animal Encounters	Liberty Science Center	Squamata	Snakes are an important part of the ecosystem but are often seen as a nuisance. Join us in understanding these incredible creatures.	45	6,7,8,9	STEM, Science, Sustainability
3/13/2018	11:10 AM	Weather Program of the Month	Roper Mountain Science Center	Weather Watchers: Hurricanes	During this program students join our Weather Watchers team where they consult on weather related issues. They work in teams to analyze data and make safety predictions based on past hurricanes in South Carolina. This fun and fast paced weather VFT is sure to be a favorite among students.	45	4,5,6	STEM, Science, Weather
3/13/2018	12:10 PM	Weather Program of the Month	Roper Mountain Science Center	Weather Watchers: Hurricanes	During this program students join our Weather Watchers team where they consult on weather related issues. They work in teams to analyze data and make safety predictions based on past hurricanes in South Carolina. This fun and fast paced weather VFT is sure to be a favorite among students.	45	4,5,6	STEM, Science, Weather

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
3/13/2018	1:10 PM	CTE/Careers & College Readiness	Dede Rittman	Essential Skills for Success: Study Skills	Do your students need help with study skills and organizational skills? Not only are the two skill sets linked, they are life skills that will help students through their educational years and into their work life/careers. Learn from Dede Rittman, a classroom teacher for 37 years and author of Student Teaching: the Inside Scoop from a master Teacher. Dede will share tried and true strategies for time management, study strategies, organization, and more. Students may ask, "How will learning these skills affect me in the work place?" Dede will provide examples of how learning basic skills today will translate into success in the future, including note taking at meetings, writing effective reports based upon research, and more.	55	6,7,8,9,10,11,12	Careers
3/14/2018	11:10 AM	CTE/Careers & College Readiness	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.	30	5,6,7,8,9,10,11,12	Careers, Science

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
3/14/2018	1:10 PM	CTE/Careers & College Readiness	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.	30	5,6,7,8,9,10,11,12	Careers, Science
3/15/2017	12:10 PM	The World Around Us: Current Events: Civil War in Syria	Global Education Motivators , 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.	40	7,8,9,10,11,12	History, Social Studies

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
3/15/2018	1:10 PM	CTE/Careers & College Readiness	Dede Rittman	Essential Skills for Success: Presentation Skills	Many people experience real stage fright and panic when asked to make a presentation, even in front of a small group, and some students actually experience stage fright when called upon in the classroom! Dede Rittman taught high school English and Theater for 37 years, and she also directed and appeared in scores of shows. Dede will help students to manage and get through stage fright, as well as the "do's and don'ts" of presenting to a group, including prepping for a one-to-one job interview. The presentation will include boosting confidence and creating an engaging presentation, essential skills that will take a student from the classroom to the workplace.	55	6,7,8,9,10,11,12	Careers
3/16/2018	11:10 AM	Science Program of the Month	Be4STEM	Tools of the Scientist, Technician and Tradesman	This presentation highlights technology and engineering careers in activities from Unit 7 of "Tiny Science for Great Futures". Activity 1 demonstrates affordable small sized tool kits, laminated tool identification cards usb microscopes, sample small motherboards from old computers or devices. Scenarios reinforce naming the tools used to build and repair devices around us every day. Activity 2 investigates and names the parts of the inside of a household device and the motherboard of an old computer with a usb microscope. Scenarios model the actions of an electronics technician or construction engineer. Activity 3 poses an interactive problem ~ the selection of the right tool for the right job in a matching game where students hold tool cards and they must trade for the correct job cards as they are chosen from a bowl. Polling features allow mastery of matching techniques at frequent intervals in this session. An open-ended problem posed at the end of the session	45	1,2,3	STEM, Science, Careers

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					encourages additional problem solving skill development. Classes are encouraged to share post-lesson solutions with us for additional feedback. Submit follow-up questions, observations, suggestions for scenarios to Diana Palma at be4steminc@gmail.com. See required supply list.			
3/19/2018	10:10 AM	Youth Art Month	Museum of Fine Arts Boston	Place As An 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.	40	3,4,5	Art, History
3/19/2018	12:10 PM	Youth Art Month	Museum of Fine Arts Boston	Place As An 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 the artists work can inspire and influence their work.	40	3,4,5	Art, History
3/19/2018	1:10 PM	Youth Art Month	Museum of Fine Arts Boston	Place As An 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.	40	3,4,5	Art, History
3/20/2018	10:10 AM	French Language Day	Royal Botanical Gardens	Seeds on the Go en français	How do plants move around and start to grow in new areas? Did you or something else help them?	40	3,4,5,6,7,8	STEM, Foreign Language, French
3/20/2018	12:10 PM	French Language Day	Royal Botanical Gardens	Seeds on the Go en français	How do plants move around and start to grow in new areas? Did you or something else help them?	40	3,4,5,6,7,8	STEM, Foreign Language, French

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
3/21/2018	11:10 AM	CTE/Careers & College Readiness	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.	30	7,8,9,10,11,12	Careers, Science
3/21/2018	1:10 PM	CTE/Careers & College Readiness	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.	30	7,8,9,10,11,12	Careers, Science
3/27/2018	1:10 PM	CTE/Careers and College Readiness	American College of the Building Arts	Building the Future and Renovating the Past: Careers in the Building Arts	Learn about the building arts from the perspective of the country's only college that combines a liberal arts education and traditional building arts skills. The presenters will speak to craft specializations such as: timber framing, architectural carpentry, plaster, masonry, blacksmithing (forged architectural iron) and architectural stone carving.	30	7,8,9,10,11,12	Careers, Building Arts
3/28/2018	10:10 AM	Women's History Month: Science	National Women's History Museum	Women and the History of Science	Women's contributions to scientific fields are impressive, though not generally well known. Women's work in many disciplines from physics, to chemistry, to biology have been critically important to advancing our system of knowledge as well as benefitting the lives of everyday people. Join us to learn about women scientists and explore their experiments with your class.	40	9,10,11,12	History, Social Studies

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
3/28/2018	11:10 PM	Women's History Month: Science	National Women's History Museum	Women and the History of Science	Women's contributions to scientific fields are impressive, though not generally well known. Women's work in many disciplines from physics, to chemistry, to biology have been critically important to advancing our system of knowledge as well as benefitting the lives of everyday people. Join us to learn about women scientists and explore their experiments with your class.	40	6,7,8,9	History, Social Studies
3/28/2018	1:10 PM	Women's History Month: Science	National Women's History Museum	Women and the History of Science	Women's contributions to scientific fields are impressive, though not generally well known. Women's work in many disciplines from physics, to chemistry, to biology have been critically important to advancing our system of knowledge as well as benefitting the lives of everyday people. Join us to learn about women scientists and explore their experiments with your class.	40	4,5,6,7,8	History
3/30/2018	12:10 PM	The World Around Us: World Autism Awareness Day	Global Education Motivators , United Nations NGO	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 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	40	6,7,8,9,10	Civics

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
4/2/2018	10:10 AM	Author Series (MS, HS)	Scott and Zelda Fitzgerald Museum, The	The Great Gatsby	For our Spring program, we will explore F. Scott Fitzgerald's most famous novel. We will talk about themes within the novel, the roles of the various characters, like narrator Nick Carraway and explore its symbolism, moral observations and lasting cultural significance. Additionally, we'll discuss how the novel returned to modern popularity after Scott's death in 1940 and how it's publication influenced his career with Hollywood.	40	7,8,9,10,11,12	Literature
4/2/2018	11:10 AM	Author Series (MS, HS)	Scott and Zelda Fitzgerald Museum, The	The Great Gatsby	For our Spring program, we will explore F. Scott Fitzgerald's most famous novel. We will talk about themes within the novel, the roles of the various characters, like narrator Nick Carraway and explore its symbolism, moral observations and lasting cultural significance. Additionally, we'll discuss how the novel returned to modern popularity after Scott's death in 1940 and how it's publication influenced his career with Hollywood.	40	7,8,9,10,11,12	Literature
4/2/2018	12:10 PM	National Poetry Month	Kenn Nesbitt's Poetry4Kids	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.	30	2,3,4,5	ELA, Poetry
4/2/2018	1:10 AM	Author Series (MS, HS)	Scott and Zelda Fitzgerald Museum, The	The Great Gatsby	For our Spring program, we will explore F. Scott Fitzgerald's most famous novel. We will talk about themes within the novel, the roles of the various characters, like narrator Nick Carraway and explore its symbolism, moral observations and lasting cultural significance. Additionally, we'll discuss how the novel returned to modern popularity after Scott's death in 1940 and how it's publication influenced his career with Hollywood.	40	7,8,9,10,11,12	Literature

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
4/2/2018	2:10 PM	National Poetry Month	Kenn Nesbitt's Poetry4Kids	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.	30	2,3,4,5	ELA, Poetry
4/4/2018	10:10 AM	Spring Financial Literacy Day	Museum of American Finance	Introduction to Financial Markets	This is an introductory class to the three main asset classes: stocks, bonds and commodities. The class covers the creation and mechanics of each asset class. In addition, students learn how financial products are used by individuals and companies to help them run their existing businesses or grow in the future. https://www.moaf.org/education/classes/the_financial_markets/_res/id=Attachments/index=0/Intro%20to%20Cap%20Markets%20LP.pdf Exhibit information: https://www.moaf.org/exhibits/financial_markets	40	9,10,11,12	Financial Literacy
4/4/2018	12:10 PM	Spring Financial Literacy Day	Museum of American Finance	Introduction to Financial Markets	This is an introductory class to the three main asset classes: stocks, bonds and commodities. The class covers the creation and mechanics of each asset class. In addition, students learn how financial products are used by individuals and companies to help them run their existing businesses or grow in the future. https://www.moaf.org/education/classes/the_financial_markets/_res/id=Attachments/index=0/Intro%20to%20Cap%20Markets%20LP.pdf Exhibit information: https://www.moaf.org/exhibits/financial_markets	40	9,10,11,12	Financial Literacy
4/4/2018	1:10 PM	Spring Financial Literacy Day	Museum of American Finance	Introduction to Financial Markets	This is an introductory class to the three main asset classes: stocks, bonds and commodities. The class covers the creation and mechanics of each asset class. In addition, students learn how financial products are used by individuals and companies to help them run their existing businesses or grow in the future. https://www.moaf.org/education/classes/the_financial_markets/_res/id=Attachments/index=0/Intro%20to%20Cap%20Markets%20LP.pdf	40	9,10,11,12	Financial Literacy

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					ancial_markets/_res/id=Attachments/index=0/Intro%20to%20Cap%20Markets%20LP.pdf Exhibit information: https://www.moaf.org/exhibits/financial_markets			
4/5/4018	11:10 AM	Earth Month	Royal Botanical Gardens	Waking Up Your Garden: Organic Gardening	Why are farmers and gardeners turning to organic practices? What are the advantages and disadvantages? Can you use these techniques in your school garden or greenhouse?	40	7,8,9,10,11,12	STEM, Science
4/5/4018	12:10 PM	Earth Month	Royal Botanical Gardens	Waking Up Your Garden: Organic Gardening	Why are farmers and gardeners turning to organic practices? What are the advantages and disadvantages? Can you use these techniques in your school garden or greenhouse?	40	7,8,9,10,11,12	STEM, Science
4/5/4018	1:10 PM	Earth Month	Royal Botanical Gardens	Waking Up Your Garden: Organic Gardening	Why are farmers and gardeners turning to organic practices? What are the advantages and disadvantages? Can you use these techniques in your school garden or greenhouse?	40	7,8,9,10,11,12	STEM, Science
4/6/2018	10:10 AM	World Creativity Week	Toy Museum of NY	The History & Science of Toy Invention	This is an educational, inspirational and interactive program that is also very exciting and fun. The program begins with a brief introduction about classic toys from long ago. Students will learn about events from the past and why these selected toys were invented. This introduction is an important step in the creative process and helps to establish the skills necessary to transform their ideas into something more. Next, basic principles for inventing a toy are discussed then tested out as we collaborate as a group to invent a pretend toy. Presented by Marlene Hochman, President and Founder of The Toy Museum of NY. She	40	5,6,7,8,9,10,11,12	History, STEM

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					has over 17 years of expertise in the field of invention as the creator of The Toy Museum of NY.			
4/6/2018	11:10 AM	Spring Civil War Week	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.	40	7,8,9,10,11,12	History
4/6/2018	12:10 PM	World Creativity Week	Toy Museum of NY	The History & Science of Toy Invention	This is an educational, inspirational and interactive program that is also very exciting and fun. The program begins with a brief introduction about classic toys from long ago. Students will learn about events from the past and why these selected toys were invented. This introduction is an important step in the creative process and helps to establish the skills necessary to transform their ideas into something more. Next, basic principles for inventing a toy are discussed then tested out as we collaborate as a group to invent a pretend toy. Presented by Marlene Hochman, President and Founder of The Toy Museum of NY. She has over 17 years of expertise in the field of	40	5,6,7,8,9,10,11,12	History, STEM

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					invention as the creator of The Toy Museum of NY.			
4/6/2018	1:10 PM	Spring Civil War Week	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.	40	7,8,9,10,11,12	History
4/9/2018	10:10 AM	CTE/Career & College Readiness	The Gibbes Art Museum	Career Connections in an Art Museum	Join Director of Collections Administration Zinnia Willits as we explore the state-of-the-art collection storage center at the Gibbes. Learn what it takes to care for a catalog over 10,000 works of art from miniature portraits to marble sculptures.	30	9,10,11,12	Careers, Art

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
4/9/2018	11:10 AM	World Creativity Week	Howard Eisenberg (Author)	Guess Who Neighborhood	House-hunting takes time, and looking for a new home that's just right can get pretty boring. Well, that's what Todd and Valerie thought as they spent a weekend visiting house after house with their parents. (Yawn!) But when their parents discovered the Guess Who Neighborhood, boring suddenly became exciting. Want to visit their new neighborhood and join the guessing fun? Its easy! (There will be a clue in every line with the last word left blank.) Listen as Author Howard Eisenberg reads his riddling verses and guess the names of the animals, people - even a snowman - who live in the children's Guess Who Neighborhood. Teachers who wish to purchase the book in advance for lesson planning or the school library can go to www.mascotbooks.com and save 40% by using the code TCHR.	30	K, 1, 2	ELA
4/9/2018	12:10 PM	World Creativity Week	Howard Eisenberg (Author)	Guess Who Neighborhood	House-hunting takes time, and looking for a new home that's just right can get pretty boring. Well, that's what Todd and Valerie thought as they spent a weekend visiting house after house with their parents. (Yawn!) But when their parents discovered the Guess Who Neighborhood, boring suddenly became exciting. Want to visit their new neighborhood and join the guessing fun? Its easy! (There will be a clue in every line with the last word left blank.) Listen as Author Howard Eisenberg reads his riddling verses and guess the names of the animals, people - even a snowman - who live in the children's Guess Who Neighborhood. Teachers who wish to purchase the book in advance for lesson planning or the school library can go to www.mascotbooks.com and save 40% by using the code TCHR.	30	K, 1, 2	ELA

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
4/9/2018	2:10 PM	CTE/Career & College Readiness	The Gibbes Art Museum	Career Connections in an Art Museum	Join Director of Collections Administration Zinnia Willits as we explore the state-of-the-art collection storage center at the Gibbes. Learn what it takes to care for a catalog over 10,000 works of art from miniature portraits to marble sculptures.	30	9,10,11,12	Careers, Art
4/10/2018	10:10 AM	Author Series (Early Readers)	Dede Rittman (Author)	Grady Gets Glasses	Grady is a rabbit – with glasses! Grady explains how his glasses help him to see the whole world better, and that people (and rabbits) who wear glasses might look a little different, but they are special. Grady makes everyone understand that wearing glasses/ knowing someone who wears glasses/seeing better is GOOD, and that glasses are not a reason to bully! Grady thinks glasses are COOL! (grades K, 1, 2)	30	K,1,2	ELA
4/10/2018	12:10 PM	Earth Month	California Carnivores	Carnivorous Plants of the World	Almost everyone has heard of the famous Venus Flytrap, but there are actually over 700 species of carnivorous plants and they grow on every continent except Antarctica. Learn all about the main kinds of carnivorous plants. What is a carnivorous plant? Why do they catch animals? Where are they from and how do they work? Learn these answers and more from carnivorous plant expert, Damon Collingsworth, owner of the most famous carnivorous plant nursery in the world, California Carnivores.	40	4,5,6,7,8,9,10,11,12	STEM, Science
4/10/2018	1:10 PM	Earth Month	California Carnivores	Carnivorous Plants of the World	Almost everyone has heard of the famous Venus Flytrap, but there are actually over 700 species of carnivorous plants and they grow on every continent except Antarctica. Learn all about the main kinds of carnivorous plants. What is a carnivorous plant? Why do they catch animals? Where are they from and how do they work? Learn these answers and more from carnivorous plant expert, Damon Collingsworth, owner of the most famous carnivorous plant nursery in the world, California Carnivores.	40	4,5,6,7,8,9,10,11,12	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
4/11/2018	10:10 AM	World Creativity Week	Putnam Museum and Science Center	Circuits	Copper tape, Batteries, and LED'S oh my!! Simplicity is key when it comes to making electricity. Let us help teach your students in an electrifying class all about how simple circuits work.	40	3,4,5	STEM, Science
4/11/2018	11:10 AM	World Creativity Week	Putnam Museum and Science Center	Circuits	Copper tape, Batteries, and LED'S oh my!! Simplicity is key when it comes to making electricity. Let us help teach your students in an electrifying class all about how simple circuits work.	40	3,4,5	STEM, Science
4/11/2018	1:10 PM	World Creativity Week	Putnam Museum and Science Center	Circuits	Copper tape, Batteries, and LED'S oh my!! Simplicity is key when it comes to making electricity. Let us help teach your students in an electrifying class all about how simple circuits work.	40	3,4,5	STEM, Science
4/12/2018	10:10 AM	Earth Month	Ah-Tah-Thi-Ki Seminole Indian Museum	Seminoles and the Everglades	Join us in the heart of the Everglades, home of the Seminoles. Discover how Seminole people used the unique plants and animals of the Everglades and why the Everglades are still important to the Seminole people today. 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!	40	4,5	History, Social Studies
4/12/2018	11:10 AM	World Creativity Week	Hispanic Museum of Nevada	Local Hispanic Artisans	The Hispanic Museum of Nevada is home to a multitude of artists. We will be holding gallery talks geared towards the different age groups. * An example is recycling/reuse artist Lily Ramos. She creates beautiful, decorative artwork from water bottles, tree parts and much more.	40	K,1,2,3,4,5	Cultural, Art
4/12/2018	12:10 PM	Earth Month	Ah-Tah-Thi-Ki Seminole Indian Museum	Seminoles and the Everglades	Join us in the heart of the Everglades, home of the Seminoles. Discover how Seminole people used the unique plants and animals of the Everglades and why the Everglades are still important to the Seminole people today. Owned and operated by the Seminole Tribe of Florida,	40	4,5	History, Social Studies

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					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!			
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4/13/2018	1:10 PM	World Dolphin Day	Dolphin Research Center	Live From the Docks	Immerse yourselves in the world of the dolphin with this fully live and interactive program. Live from the Docks is a live question and answer session with a trainer/dolphin expert and actual dolphins.	45	4,5,6,7,8,9	STEM, Science, Sustainability
4/16/2018	10:10 AM	Author Series (Early Readers)	The Eric Carle Museum of Picture Book Art	Hungry for Reading	Learn about The Eric Carle Museum of Picture Book Art in Amherst, Massachusetts, and how they celebrate reading through their exhibitions and programs. Meet popular children's book author and illustrator Mike Curato, who will join us live to share his books and answer questions about how he makes his books!	40	K,1,2,3,4	ELA, Art
4/16/2018	11:10 AM	Patriots Day	Delaware Historic Society	American Revolution - Choosing Independence & Fighting for Freedom	The small colony of Delaware played an important role in the political and military events that helped shape the outcome of the American Revolution. Through the experiences of actual citizens and soldiers, explore one of the original thirteen colonies' role in choosing independence and fighting for freedom.	45	4,5,6,7,8,9,10	History
4/16/2018	12:10 PM	Earth Month	Alaska SeaLife Center	Sea Lion Monitoring	Discover Steller sea lion remote monitoring at the Alaska SeaLife Center, and learn how & why our scientists are studying these endangered marine mammals.	45	6,7,8,9,10	STEM, Science, Sustainability

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
4/16/2018	1:10 PM	Earth Month	Alaska SeaLife Center	Sea Lion Monitoring	Discover Steller sea lion remote monitoring at the Alaska SeaLife Center, and learn how & why our scientists are studying these endangered marine mammals.	45	6,7,8,9,10	STEM, Science, Sustainability
4/16/2018	2:10 PM	Earth Month	Alaska SeaLife Center	Sea Lion Monitoring	Discover Steller sea lion remote monitoring at the Alaska SeaLife Center, and learn how & why our scientists are studying these endangered marine mammals.	45	6,7,8,9,10	STEM, Science, Sustainability
4/17/2018	11:10 AM	Earth Month	National Butterfly Center	Butterfly, Biology & Behavior	This lesson will cover butterfly anatomy and how it factors into species biology and behavior. From communal roosters, like Zebra Heliconians, to grass skippers that fold themselves into blades for metamorphosis, we will delve deeper into the peculiarities of the six families of butterflies, where they live (preferred habitat, range, geography), what they eat (dietary restrictions and distinctions), how they look (size, shape, coloration, camouflage, adaptation), etc. so that students may learn about form, function and the fantastic attributes of butterflies! For this lesson, we are fortunate to have some really great macro photography of butterfly anatomy I know will enhance understanding and visual interest.	40	6,7,8	STEM, Science, Sustainability
4/17/2018	12:10 PM	Earth Month	Quinta Mazatlan	Pollinator Gardens - 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".	40	3,4,5	STEM, Science

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4/18/2018	12:10 PM	Weather Program of the Month	Mount Washington Observatory	Wind and Windstorms	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!	40	6,7,8	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
4/18/2018	1:10 PM	Weather Program of the Month	Mount Washington Observatory	Wind and Windstorms	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!	40	3,4,5	STEM, Science
4/19/2018	10:10 AM	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.	40	6,7,8,9,10,11,12	STEM, Science, Sustainability
4/19/2018	12:10 PM	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.	40	6,7,8,9,10,11,12	STEM, Science, Sustainability
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Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
4/20/2018	11:10 AM	Science Program of the Month	Be4STEM	Solving a Problem with Magic Sand	This presentation highlights technology careers from Unit 8 of "Tiny Science for Great Futures". Activity 1 demonstrates affordable Character Crew Stem Types character cards, 7-8 tiny items of different weights, 7-8 tiny cups, petri dishes, tiny spoons, small water bottles, coffee filters, regular and magic sand. Scenarios reinforce predicting which of several multi-varied objects will sink or float. Activity 2 matches the 8 STEM types with their character traits. Scenarios require students to work in groups as characters assigned to solve a problem. Activity 3 poses an interactive problem ~ work as the Character Crew to complete the demo of magic sand and design a simple sketch to explain how magic sand could be used to solve a new problem in the world. Polling features allow mastery of experimental techniques at frequent intervals in this session. An open-ended problem posed at the end of the session encourages additional problem solving skill development. Classes are encouraged to share post-lesson solutions with us for additional feedback. Submit follow-up questions, observations, suggestions for scenarios to Diana Palma at be4steminc@gmail.com . See required supply list.	45	1,2,3	STEM, Science, Careers
4/20/2018	12:10 PM	Earth Month	California Academy of Sciences	Scientist's Scoop: How to make Earth Day every day	Energy is an important part of our everyday lives. We use energy to cook, get around, and send emails. In this 45 minute program, students will build and reflect upon their own ideas on impacts associated with energy use and fossil fuels. Throughout the program students will be challenged to design simple, personal solutions for minimizing those impacts and learn how people are coming up with innovative sustainable energy alternatives for a	40	4,5,6,7,8	STEM, Science, Sustainability

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					brighter future. By the end of the program they will create their own Planet Hero Action Plan.			
4/20/2018	1:10 PM	Earth Month	California Academy of Sciences	Scientist's Scoop: How to make Earth Day every day	Energy is an important part of our everyday lives. We use energy to cook, get around, and send emails. In this 45 minute program, students will build and reflect upon their own ideas on impacts associated with energy use and fossil fuels. Throughout the program students will be challenged to design simple, personal solutions for minimizing those impacts and learn how people are coming up with innovative sustainable energy alternatives for a brighter future. By the end of the program they will create their own Planet Hero Action Plan.	40	4,5,6,7,8	STEM, Science, Sustainability
4/23/2018	10:10 AM	Spring Astronomy Week	Dudley Observatory at miSci	Exploring our Solar System	Did you know that a day on Venus is longer than a year? Or that Jupiter's moon Io has active volcanos? Join us as we travel through the solar system to discover unique features of the planets, moons and Sun, and learn about the space missions that have traveled there. We will finish the lesson by discussing which solar system planets are visible in tonight's sky.	40	3,4,5	STEM, Science
4/23/2018	11:10 AM	Spring Astronomy Week	Dudley Observatory at miSci	Pluto! Latest Discoveries from the New Horizons Mission	In July of 2015, New Horizons became the first ever spacecraft to visit Pluto. Join us as we discuss the mission, view the latest images of Pluto and its moon, and explore the scientific discoveries made by New Horizons. We will finish the lesson by discussing which solar system planets are visible in tonight's sky.	40	6,7,8,9	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
4/23/2018	12:10 PM	Author Series (Early Readers)	The Eric Carle Museum of Picture Book Art	Hungry for Reading!	Learn about The Eric Carle Museum of Picture Book Art in Amherst, Massachusetts, and how they celebrate reading through their exhibitions and programs. Meet popular children's book author and illustrator Mike Curato, who will join us live to share his books and answer questions about how he makes his books!	40	K,1,2,3,4	ELA
4/23/2018	1:10 PM	Spring Astronomy Week	Dudley Observatory at miSci	The Search for Another Earth	Space agencies around the world are pointing telescopes towards the sky in search of planets outside the solar system that are similar to Earth. So far, astronomers have discovered over 3000 exoplanets in total, with 28 or more having the possibility of supporting life. Join us as we learn about different exoplanet missions, how we detect these Earth-like planets, and how we might discover if they currently support life. We will finish the lesson by discussing which solar system planets are visible in tonight's sky.	40	8,9,10,11,12	STEM, Science
4/24/2018	10:10 AM	DNA Week	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.	40	7,8,9,10,11,12	STEM, Science
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Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
4/25/2018	10:10 AM	Cold War Week	The Paley Center for Media	Red Scare: Cold War and Television	During the 1950s television emerged as the most powerful mass medium since the invention of the printing press. At this time, America was gripped with fear and anxiety about the possibilities of war and nuclear threat, and television reflected this paranoia. Through close examination of 1950s television, including news, public service announcements, documentaries, and science fiction programming, this class investigates the ways that television reflected and perpetuated fear and hysteria during the Cold War period, a pivotal moment in modern history.	45	10,11,12	History
4/25/2018	11:10 AM	Arbor Day	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.	45	K, 1, 2, 3, 4, 5, 6	STEM, Science, Sustainability
4/25/2018	12:10 PM	Cold War Week	The Paley Center for Media	Red Scare: Cold War and Television	During the 1950s television emerged as the most powerful mass medium since the invention of the printing press. At this time, America was gripped with fear and anxiety about the possibilities of war and nuclear threat, and television reflected this paranoia. Through close examination of 1950s television, including news, public service announcements, documentaries, and science fiction programming, this class investigates the ways that television reflected and perpetuated fear and hysteria during the Cold War period, a pivotal moment in modern history.	45	10,11,12	History

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4/25/2018	2:10 PM	Arbor Day	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.	45	K, 1, 2, 3, 4, 5, 6	STEM, Science, Sustainability
4/26/2018	10:10 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 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.	40	3,4,5,6,7	STEM, Science
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4/27/2018	10:10 AM	Author Series (Early Readers)	Toy Museum of NY	Toys of the Past & The Books that Tell their Stories	The Toy Museum of NY's collection of toys and books makes the perfect distance learning companion program. Learn about toys from the past and the books that helped tell their stories. From Raggedy Ann and Howdy Doody to today's modern day children's stories such as Sesame Street books featuring Elmo and Big Bird. For younger grades, several books will be read aloud. For the older groups, a discussion about what makes the books so appealing. Presented by Marlene Hochman, President and Founder of The Toy Museum of NY. She has over 17 years of expertise in the field of invention as the creator of The Toy Museum of NY.	30	1,2,3,4	ELA, History

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
4/27/2018	11:10 AM	Spring Astronomy Week	Denver Museum of Nature and Science	Virtual Tour of the Universe	Join the Denver Museum of Nature & Science on a virtual tour through space. Using stunning visualizations, we'll launch from the surface of the Earth, fly past the International Space Station, go beyond our familiar 8 planets, ice balls and asteroids, and enter deep space. Come learn about our place in the universe, how we fit in the solar system and see how we are integrally connected to space. This is a fully interactive program during which participants can ask questions and vote to guide our journey through our universe.	40	3,4,5,6,7,8	STEM, Science
4/27/2018	12:10 PM	Author Series (Early Readers)	Toy Museum of NY	Toys of the Past & The Books that Tell their Stories	The Toy Museum of NY's collection of toys and books makes the perfect distance learning companion program. Learn about toys from the past and the books that helped tell their stories. From Raggedy Ann and Howdy Doody to today's modern day children's stories such as Sesame Street books featuring Elmo and Big Bird. For younger grades, several books will be read aloud. For the older groups, a discussion about what makes the books so appealing. Presented by Marlene Hochman, President and Founder of The Toy Museum of NY. She has over 17 years of expertise in the field of invention as the creator of The Toy Museum of NY.	30	1,2,3,4	ELA, History
4/27/2018	1:10 PM	Spring Astronomy Week	Denver Museum of Nature and Science	Virtual Tour of the Universe	Join the Denver Museum of Nature & Science on a virtual tour through space. Using stunning visualizations, we'll launch from the surface of the Earth, fly past the International Space Station, go beyond our familiar 8 planets, ice balls and asteroids, and enter deep space. Come learn about our place in the universe, how we fit in the solar system and see how we are integrally connected to space. This is a fully interactive program during which participants	40	3,4,5,6,7,8	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					can ask questions and vote to guide our journey through our universe.			
4/30/2018	11:10 AM	Author Series (Early Readers)	Jonathan Miller (Author)	Sammy the Wonder Dachshund	Jonathan Miller, author and illustrator of children's book series The Adventures of Sammy the Wonder Dachshund, guides students through the process of writing and illustrating a story. His fun and informative presentation shows real-life implementation of forming an idea, brainstorming, writing a rough draft, revising and editing, and publishing a book. Incorporating a wide range of topics for students to take back to their writing, classrooms, and lives, Mr. Miller also discusses how books are made, what it is like to be an author as a career, and the business aspects of book publishing. His goal is for students to see the importance of becoming the best writers they can be! Get ready to laugh as Mr. Miller also reads one of his books and answers questions from students and teachers.	45	2,3,4,5	ELA, Art
4/30/2018	12:10 PM	Insects	Royal Tyrrell Museum of Palaeontology	Up Close and 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.	45	K,1,2,3,4,5,6	STEM, Paleontology

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
4/30/2018	1:10 PM	Author Series (Early Readers)	Jonathan Miller (Author)	Sammy the Wonder Dachshund	Jonathan Miller, author and illustrator of children's book series The Adventures of Sammy the Wonder Dachshund, guides students through the process of writing and illustrating a story. His fun and informative presentation shows real-life implementation of forming an idea, brainstorming, writing a rough draft, revising and editing, and publishing a book. Incorporating a wide range of topics for students to take back to their writing, classrooms, and lives, Mr. Miller also discusses how books are made, what it is like to be an author as a career, and the business aspects of book publishing. His goal is for students to see the importance of becoming the best writers they can be! Get ready to laugh as Mr. Miller also reads one of his books and answers questions from students and teachers.	45	2,3,4,5	ELA, Art
5/1/2018	10:10 AM	Children's Book Month	Bena Hartman (Author)	Jasmine Can - Creating Self Confidence	Jasmine Can is a tender story that describes how a second grader becomes a reader. Jasmine learns quickly that learning how to read is not easy. She struggles with saying the sounds of the alphabet and reading words on flashcards. She realizes early on that she's not a "good reader" like Chloe Brown, a classmate who finds reading to be easy and enjoyable.	30	K, 1, 2, 3	ELA
5/1/2018	11:10 AM	Children's Book Month	Bena Hartman (Author)	Jasmine Can - Creating Self Confidence	Jasmine Can is a tender story that describes how a second grader becomes a reader. Jasmine learns quickly that learning how to read is not easy. She struggles with saying the sounds of the alphabet and reading words on flashcards. She realizes early on that she's not a "good reader" like Chloe Brown, a classmate who finds reading to be easy and enjoyable.	30	K, 1, 2, 3	ELA

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
5/1/2018	12:10 PM	The World Around Us: My Journey from the Sudan to the US	Global Education Motivators , United Nations NGO	The First Hand Story of a Lost Boy of Sudan	In 1988, Michael Majok Kuch, as a five-year-old boy, fled his burning village in southern Sudan when the North systematically destroyed it. Majok, along with thousands of other fleeing people, many of them unaccompanied minors, trekked through the wilderness in Sudan, Ethiopia, and Kenya to arrive at a series of refugee camps where he would live for ten years. When the U.S. brokered an agreement, granting approximately 4,000 unaccompanied minors political asylum, Majok, now Michael, was given a new start in the U.S. Yet his new life was not without trauma. He faced prejudice once again, disrupting the promise of his new beginnings.	40	5,6,7,8	History, Social Studies
5/1/2018	1:10 PM	Children's Book Month	Bena Hartman (Author)	Jasmine Can - Creating Self Confidence	Jasmine Can is a tender story that describes how a second grader becomes a reader. Jasmine learns quickly that learning how to read is not easy. She struggles with saying the sounds of the alphabet and reading words on flashcards. She realizes early on that she's not a "good reader" like Chloe Brown, a classmate who finds reading to be easy and enjoyable.	30	K, 1, 2, 3	ELA
5/2/2018	10:10 AM	Science Program of the Month	National Women's History Museum	Building it Better: Women and Engineering	Engineers design, build, or maintain engines, machines, or public works. They are problem solvers at heart. Join us to learn about women engineers whose contributions have improved modern life. In addition to profiling historic women in engineering, the field trip will cover simple machines and include engineering problems students can solve with materials available in the classroom.	40	2,3,4,5	History, Social Studies
5/2/2018	11:10 AM	Science Program of the Month	National Women's History Museum	Building it Better: Women and Engineering	Engineers design, build, or maintain engines, machines, or public works. They are problem solvers at heart. Join us to learn about women engineers whose contributions have improved modern life. In addition to profiling historic	40	4,5,6,7, 8	History, Social Studies

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					women in engineering, the field trip will cover simple machines and include engineering problems students can solve with materials available in the classroom.			
5/2/2018	12:10 PM	Children's Book Month	Jonathan Miller (Author)	Sammy the Wonder Dachshund	Jonathan Miller, author and illustrator of children's book series The Adventures of Sammy the Wonder Dachshund, guides students through the process of writing and illustrating a story. His fun and informative presentation shows real-life implementation of forming an idea, brainstorming, writing a rough draft, revising and editing, and publishing a book. Incorporating a wide range of topics for students to take back to their writing, classrooms, and lives, Mr. Miller also discusses how books are made, what it is like to be an author as a career, and the business aspects of book publishing. His goal is for students to see the importance of becoming the best writers they can be! Get ready to laugh as Mr. Miller also reads one of his books and answers questions from students and teachers.	45	2,3,4,5	ELA, Art
5/2/2018	1:10 PM	Science Program of the Month	National Women's History Museum	Building it Better: Women and Engineering	Engineers design, build, or maintain engines, machines, or public works. They are problem solvers at heart. Join us to learn about women engineers whose contributions have improved modern life. In addition to profiling historic women in engineering, the field trip will cover simple machines and include engineering problems students can solve with materials available in the classroom.	40	4,5,6,7,8	History, Social Studies

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
5/2/2018	2:10 PM	Children's Book Month	Jonathan Miller (Author)	Sammy the Wonder Dachshund	Jonathan Miller, author and illustrator of children's book series The Adventures of Sammy the Wonder Dachshund, guides students through the process of writing and illustrating a story. His fun and informative presentation shows real-life implementation of forming an idea, brainstorming, writing a rough draft, revising and editing, and publishing a book. Incorporating a wide range of topics for students to take back to their writing, classrooms, and lives, Mr. Miller also discusses how books are made, what it is like to be an author as a career, and the business aspects of book publishing. His goal is for students to see the importance of becoming the best writers they can be! Get ready to laugh as Mr. Miller also reads one of his books and answers questions from students and teachers.	45	2,3,4,5	ELA, Art
5/3/2018	11:10 AM	Insects	Bee Well Honey Farm	Bees and Honey Part One	We will explore many facts and facets of bees, their hives and the make-up a colony, in partnership with Kerry Owen South Carolina's 2016 Farmer of the Year and current President-elect of the SC Beekeepers Association and Dr. Ashley Burns of Clemson University.	40	5, 6, 7, 8, 9	STEM, Science, Sustainability
5/3/2018	1:10 PM	Insects	Bee Well Honey Farm	People and Honey Part Two	This program will showcase the evolution of honey gathering all the way to the bottling and production of honey and the creation of honey by-products such as candles and cosmetics from the confines of the BeeWell Honey Company in Pickens, South Carolina.	40	5, 6, 7, 8, 9	STEM, Science, Sustainability

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
5/4/2018	11:10 AM	Cinco de Mayo	Mexic-Arte	Cinco De Mayo	Cinco de Mayo is a celebration of Mexican history, often mistaken for Mexican Independence Day. However, students will learn that this important holiday does not commemorate Mexico's independence from Spain, but actually marks a specific victory of Mexico over France at the Battle of Puebla, to regain Mexico from the French. Although the French army eventually won, the significance this victory in Puebla is historically significant for two main reasons. Firstly, Mexico defeated over a much bigger and more well-equipped French army against all odds. Secondly, since the Battle of Puebla, no country in the American continent has been invaded by any other European military force. Furthermore, historians have suggested that, had Mexico not defeated the French in Puebla, France would have gone to the aid of the Confederacy in the U.S. Civil War and the United States' destiny would have been different. Students will explore these topics as well as discover how the U.S. and Mexico celebrate the holiday with parades, regional dances and music.	40	3,4,5,6,7,8,9,10,11,12	Social Studies, Cultural
5/4/2018	12:10 PM	Cinco de Mayo	Mexic-Arte	Cinco De Mayo en español	Cinco de Mayo is a celebration of Mexican history, often mistaken for Mexican Independence Day. However, students will learn that this important holiday does not commemorate Mexico's independence from Spain, but actually marks a specific victory of Mexico over France at the Battle of Puebla, to regain Mexico from the French. Although the French army eventually won, the significance this victory in Puebla is historically significant for two main reasons. Firstly, Mexico defeated over a much bigger and more well-equipped French army against all odds.	40	3,4,5,6,7,8,9,10,11,12	Social Studies, Cultural, Foreign Language

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					Secondly, since the Battle of Puebla, no country in the American continent has been invaded by any other European military force. Furthermore, historians have suggested that, had Mexico not defeated the French in Puebla, France would have gone to the aid of the Confederacy in the U.S. Civil War and the United States' destiny would have been different. Students will explore these topics as well as discover how the U.S. and Mexico celebrate the holiday with parades, regional dances and music.			
5/4/2018	2:10 PM	Cinco de Mayo	Mexic-Arte	Cinco De Mayo	<p>Cinco de Mayo is a celebration of Mexican history, often mistaken for Mexican Independence Day. However, students will learn that this important holiday does not commemorate Mexico's independence from Spain, but actually marks a specific victory of Mexico over France at the Battle of Puebla, to regain Mexico from the French. Although the French army eventually won, the significance this victory in Puebla is historically significant for two main reasons. Firstly, Mexico defeated over a much bigger and more well-equipped French army against all odds.</p> <p>Secondly, since the Battle of Puebla, no country in the American continent has been invaded by any other European military force. Furthermore, historians have suggested that, had Mexico not defeated the French in Puebla, France would have gone to the aid of the Confederacy in the U.S. Civil War and the United States' destiny would have been different. Students will explore these topics as well as discover how the U.S. and Mexico celebrate the holiday with parades, regional dances and music.</p>	40	3,4,5,6,7,8,9,10,11,12	Social Studies, Cultural

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
5/7/2018	10:10 AM	Asian Heritage Month: Art of India	Museum of Fine Arts Boston	Art of India and Southeast Asia	Students will visit the MFA's Art of Asia galleries to explore the artistic traditions of South and Southeast Asia, including examples of both Hindu and Buddhist sculpture.	40	9,10,11,12	Art, History
5/7/2018	12:10 PM	Asian Heritage Month: Art of India	Museum of Fine Arts Boston	Art of India and Southeast Asia	Students will visit the MFA's Art of Asia galleries to explore the artistic traditions of South and Southeast Asia, including examples of both Hindu and Buddhist sculpture.	40	9,10,11,12	Art, History
5/7/2018	1:10 PM	Asian Heritage Month: Art of India	Museum of Fine Arts Boston	Art of India and Southeast Asia	Students will visit the MFA's Art of Asia galleries to explore the artistic traditions of South and Southeast Asia, including examples of both Hindu and Buddhist sculpture.	40	9,10,11,12	Art, History
5/8/2018	10:10 AM	D-Day Observance	National D-Day Memorial, The	Turning the Tide	As we approach Memorial Day, it is important to remember the sacrifice that is made for freedom. Streaming from the National D-Day Museum located in Bedford, Virginia— the town which suffered the highest per capita D-Day losses in the nation, your students can get ready for Memorial Day by honoring the Allied forces that participated in the invasion of Normandy on June 6, 1944 during World War II.	45	3,4,5,6,7,8,9,10,11,12	History, Social Studies
5/8/2018	12:10 PM	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.	40	K,1,2,3,4,5	STEM, Science
5/8/2018	1:10 PM	D-Day Observance	National D-Day Memorial, The	Turning the Tide	As we approach Memorial Day, it is important to remember the sacrifice that is made for freedom. Streaming from the National D-Day Museum located in Bedford, Virginia— the town which suffered the highest per capita D-Day losses in the nation, your students can get ready for Memorial Day by honoring the Allied	45	3,4,5,6,7,8,9,10,11,12	History, Social Studies

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					forces that participated in the invasion of Normandy on June 6, 1944 during World War II.			
5/8/2018	2:10 PM	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.	40	1,2,3,4,5	STEM, Science
5/9/2018	10:10 AM	Spring Migratory Bird Week	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.	45	4,5,6,7,8	STEM, Science, Sustainability
5/9/2018	11:10 AM	Spring Migratory Bird Week	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	45	4,5,6,7,8	STEM, Science, Sustainability

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					first hand how a kite catches and consumes prey on the wing.			
5/9/2018	1:10 PM	Spring Migratory Bird Week	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.	45	4,5,6,7,8	STEM, Science, Sustainability
5/10/2018	12:10 PM	Children's Book Month	California Academy of Sciences	Science Storytime: Pierre the Penguin	In this 30-minute program, students will 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.	30	K,1,2	ELA
5/10/2018	1:10 PM	Children's Book Month	California Academy of Sciences	Science Storytime: Pierre the Penguin	In this 30-minute program, students will 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.	30	K,1,2	ELA

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					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.			
5/11/2018	10:10 AM	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!	40	4,5,6	STEM, Science
5/11/2018	11:10 AM	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!	40	4,5,6	STEM, Science
5/11/2018	12:10 PM	Spring Migratory Bird Week	Alaska SeaLife 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.	45	K,1,2,3,4	STEM, Science
5/11/2018	1:10 PM	Spring Migratory Bird Week	Alaska SeaLife 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.	45	K,1,2,3,4	STEM, Science
5/11/2018	2:10 PM	Spring Migratory Bird Week	Alaska SeaLife 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.	45	K,1,2,3,4	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
5/14/2018	10:10 AM	Dinosaur Month	Denver Museum of Nature and Science	Virtual Sculpt-a-saurus	Science and art collide to bring the past to life! Your students will take a journey of discovery and creation as they use real fossil evidence to sculpt their very own dinosaurs. This fun class blends live virtual instruction from a Museum educator with mixed digital media, kinesthetic activities, and two-way interactivity. Students piece together clues that teach them about dinosaurs and show them how scientists and artists work together to understand the deep past. Sculpt-a-saurus introduces learners to scientific methodology as well as paleontology, fossilization, erosion, adaptation, and climate. Participants will need the following materials: ~1lb of clay & 1 copy of the provided handouts for each student.	40	2,3,4,5	STEM, Science
5/14/2018	11:10 AM	Poetry Monthly	Kenn Nesbitt's Poetry4Kids	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.	40	3,4,5,6	ELA, Poetry
5/14/2018	12:10 PM	Poetry Monthly	Kenn Nesbitt's Poetry4Kids	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.	40	3,4,5,6	ELA, Poetry
5/14/2018	1:10 PM	Dinosaur Month	Denver Museum of Nature and Science	Virtual Sculpt-a-saurus	Science and art collide to bring the past to life! Your students will take a journey of discovery and creation as they use real fossil evidence to sculpt their very own dinosaurs. This fun class blends live virtual instruction from a Museum educator with mixed digital media, kinesthetic activities, and two-way interactivity. Students piece together clues that teach them about dinosaurs and show them how scientists and artists work together to understand the deep past. Sculpt-a-saurus introduces learners to	40	2,3,4,5	STEM, Science

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					scientific methodology as well as paleontology, fossilization, erosion, adaptation, and climate. Participants will need the following materials: ~1lb of clay & 1 copy of the provided handouts for each student.			
5/15/2018	11:10 AM	Dinosaur Month	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.	45	K,1,2	STEM, Science
5/15/2018	12:10 PM	Dinosaur Month	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.	45	3,4,5	STEM, Science
5/15/2018	1:10 PM	Dinosaur Month	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.	45	6,7,8	STEM, Science
5/16/2018	10:10 AM	Author Series (MS, HS)	Ernest Hemingway Home	The Sun Also Rises	This was Hemingway's first novel, written in 1925 during his time in Paris. The Sun Also Rises vividly portrays the lives of the members of the "Lost Generation": the group of primarily expat men and women whose early adulthood was consumed by World War I. The war deeply affected this generation's standards for death and morality, and shattered many beliefs in traditional values of love, faith, and patriotism. Without these long-held notions to rely on, members of the Lost Generation suffered great moral and psychological aimlessness.	45	9,10,11,12	Literature

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					Discussion: How a common event can affect diverse groups with long-lasting outcomes.			
5/16/2018	11:10 AM	Dinosaur Month	Royal Tyrrell Museum of Palaeontology	Up Close and 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.	45	K,1,2,3	STEM, Science
5/16/2018	2:10 PM	Dinosaur Month	Royal Tyrrell Museum of Palaeontology	Up Close and 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.	45	4,5,6,7, 8	STEM, Science
5/16/2018	12:10 PM	Author Series (MS, HS)	Ernest Hemingway Home	The Old Man and The Sea	This was Hemingway's last novel published during his lifetime (1952). The Old Man and the Sea is the story of an epic struggle between Santiago—an aged, seasoned fisherman—and a huge marlin, the greatest catch of his life. For 84 days, Santiago has set out to sea and returned empty-handed. When he finally catches the largest marlin ever caught, he loses it to attacking sharks. Discussion: Identifying	40	9,10,11, 12	Literature

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					goals and desires, and the effects of losing opportunities.			
5/16/2018	1:10 PM	Author Series (MS, HS)	Ernest Hemingway Home	A Farewell to Arms	This is Hemingway's second novel, finished in Key West, Florida after leaving Paris, and published in 1929. A Farewell to Arms centers on the character of Frederic Henry, a young American ambulance driver serving in the Italian army during World War I. Henry meets Catherine Barkley, an English nurse's aide at the nearby British hospital, and falls in love. Circumstances result in their separation, and when they later reunite, Catherine is in labor and eventually dies. Discussion: Dealing with deep emotions during a time of crisis.	40	9,10,11, 12	Literature
5/17/2018	11:10 AM	Children's Book Month	Howard Eisenberg (Author)	Dinosaur in the Elevator - Project based, Co-Author Option	Two curious children persuade their museum's T-Rex to take them back in time to the Cretaceous Period when dinosaurs ruled the earth. T-Rex introduces them to many of them, and when they sing their songs -- with a clue in every line and the last word left blank -- the twins have to guess their names. But a pterodactyl kidnaps Abby, Robby is trapped in quicksand, and other dangers menace them as their friend and guide T-Rex takes them on a tour of his remarkable neighborhood. The tour ends suddenly when the meteorite that is about to kill off all the dinosaurs slams into the earth. Abbey sprains her ankle as the children flee toward the elevator that brought them to the Cretaceous Period. Will they make it to safety. At this point, teachers have three options: Option 1: continue streaming as Howard reads the book to its conclusion. Option 2: exit the	30	K, 1, 2	ELA

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					<p>program and offer the children the opportunity to stretch their creative muscles, become co-authors of the book. Have them discuss the book and then individually or in groups, have them come up with their own endings to the book. Then afterwards, discuss the different endings the students came up with. Finally, read the ending in the book. Option 3: complete the live stream in Option 1 and then follow the co-authoring exercise in Option 2. If you would like to submit the ending that the class agrees upon, email it to sirhowardeisenberg@gmail.com. If you wish to purchase the book in advance you can go to mascotbooks.com and receive a 40% discount using the code TCHR. This is recommended for those that choose Option 2.</p>			

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
5/17/2018	12:10 PM	Children's Book Month	Howard Eisenberg (Author)	Dinosaur in the Elevator - Project based, Co-Author Option	Two curious children persuade their museum's T-Rex to take them back in time to the Cretaceous Period when dinosaurs ruled the earth. T-Rex introduces them to many of them, and when they sing their songs -- with a clue in every line and the last word left blank -- the twins have to guess their names. But a pterodactyl kidnaps Abby, Robby is trapped in quicksand, and other dangers menace them as their friend and guide T-Rex takes them on a tour of his remarkable neighborhood. The tour ends suddenly when the meteorite that is about to kill off all the dinosaurs slams into the earth. Abbey sprains her ankle as the children flee toward the elevator that brought them to the Cretaceous Period. Will they make it to safety. At this point, teachers have three options: Option 1: continue streaming as Howard reads the book to its conclusion. Option 2: exit the program and offer the children the opportunity to stretch their creative muscles, become co-authors of the book. Have them discuss the book and then individually or in groups, have them come up with their own endings to the book. Then afterwards, discuss the different endings the students came up with. Finally, read the ending in the book. Option 3: complete the live stream in Option 1 and then follow the co-authoring exercise in Option 2. If you would like to submit the ending that the class agrees upon, email it to sirhowardeisenberg@gmail.com . If you wish to purchase the book in advance you can go to mascotbooks.com and receive a 40% discount using the code TCHR. This is recommended for those that choose Option 2.	30	K, 1, 2	ELA

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
5/18/2018	10:10 AM	National Law Enforcement Week	National Law Enforcement Museum	Changes in Technology	Travel through history and see how technology in law enforcement has evolved over time. Examine the tools used in the eras of the Lincoln Conspirators, of Al Capone, and finally those used today. Why were technological advances necessary, and how were these tools improved over time? Your students will explore history to find out.	40	5.6.7.8	STEM
5/18/2018	12:10 PM	National Law Enforcement Week	National Law Enforcement Museum	Fingerprints and Impressions	Description: 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.	40	4,5,6,7,8	STEM
5/18/2018	11:10 AM	Science Program of the Month	Be4STEM	Character Crew Repairs a Broken Drone Wing	This presentation highlights engineering careers from Unit 9 of "Tiny Science for Great Futures". Activity 1 demonstrates Character Crew STEM Types Cards, Construction paper cut in full, half and quarter sheets. Scenarios reinforce careers and tools used in 9 lessons. Activity 2 matches careers of Character Crew needed to repair drone. Scenarios reinforce STEM types represented by Char Crew cards. Activity 3 poses an interactive problem ~ the dilemma of a drone crew who must repair their drone's broken wing. They only have 2 days before a competition where they can win a bonus to buy a second drone to build their business. Polling features allow mastery of experimental techniques at frequent intervals in this session. An open-ended problem posed at the end of the session encourages additional problem solving skill development. Classes are encouraged to share post-lesson solutions with us for additional feedback. Submit follow-up questions, observations, suggestions for	45	1,2,3	STEM, Technology, Careers

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					scenarios to Diana Palma at be4steminc@gmail.com. See required supply list.			
5/21/2018	10:10 AM	World Wars	First Division Museum at Cantigny Park	Reporting For Duty: The World War II Experience	It's time for your class to report for duty at the First Division Museum. Spend a day in the life of a 1st Infantry Division soldier while based in a simulated army encampment. Living Historians will guide the way as your students experience the museum's Historic Vehicle Collection, witness medical technology of the time and observe a weapons demonstration.	40	6,7,8,9,10,11,12	History
5/21/2018	12:10 PM	World Wars	First Division Museum at Cantigny Park	Reporting For Duty: The World War II Experience	It's time for your class to report for duty at the First Division Museum. Spend a day in the life of a 1st Infantry Division soldier while based in a simulated army encampment. Living Historians will guide the way as your students experience the museum's Historic Vehicle Collection, witness medical technology of the time and observe a weapons demonstration.	40	6,7,8,9,10,11,12	History
5/21/2018	1:10 PM	World Wars	First Division Museum at Cantigny Park	Reporting For Duty: The World War II Experience	It's time for your class to report for duty at the First Division Museum. Spend a day in the life of a 1st Infantry Division soldier while based in a simulated army encampment. Living Historians will guide the way as your students experience the museum's Historic Vehicle Collection, witness medical technology of the time and observe a weapons demonstration.	40	6,7,8,9,10,11,12	History

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
5/22/2018	1:10 PM	Photography Day	Museum of Photographic Arts	The Art of Photography: Prolific, Accessible, and Inclusive	Photography belongs to everyone, now more than ever. From the fanciest DSLR to the smartphone in your hand, we can all make and share our stories through pictures. Let's explore artists throughout the history of photography who have come from humble beginnings to create iconic images that stand the test of time.	45	5,6,7,8,9,10,11,12	Art
5/22/2018	2:10 PM	Photography Day	Museum of Photographic Arts	The Art of Photography: Prolific, Accessible, and Inclusive	Photography belongs to everyone, now more than ever. From the fanciest DSLR to the smartphone in your hand, we can all make and share our stories through pictures. Let's explore artists throughout the history of photography who have come from humble beginnings to create iconic images that stand the test of time.	45	5,6,7,8,9,10,11,12	Art
5/23/2018	10:10 AM	World Turtle Day	South Carolina Aquarium	Shell-ebrate Turtles with the South Carolina Aquarium	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.	45	K,1,2,3,4,5	STEM, Science, Sustainability
5/23/2018	11:10 PM	World Turtle Day	South Carolina Aquarium	Shell-ebrate Turtles with the South Carolina Aquarium	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.	45	K,1,2,3,4,5	STEM, Science, Sustainability

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5/23/2018	1:10 PM	World Turtle Day	South Carolina Aquarium	Shell-ebrate Turtles with the South Carolina Aquarium	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.	45	K,1,2,3,4,5	STEM, Science, Sustainability
5/24/2018	10:10 AM	Children's Book Month	Dede Rittman (Author)	Grady Gets Glasses	Grady is a rabbit – with glasses! Grady explains how his glasses help him to see the whole world better, and that people (and rabbits) who wear glasses might look a little different, but they are special. Grady makes everyone understand that wearing glasses/ knowing someone who wears glasses/seeing better is GOOD, and that glasses are not a reason to bully! Grady thinks glasses are COOL! (grades K, 1, 2)	30	K,1,2	ELA
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Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
5/25/2018	11:10 AM	Memorial Day/Decoration Day	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?	45	7,8,9,10,11,12	History
5/25/2018	1:10 PM	Memorial Day/Decoration Day	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?	45	3,4,5,6	History
5/29/2018	10:10 AM	Memorial Day/Decoration Day	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	45 max	2,3,4,5	History, Social Studies, Literature

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					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.			
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5/29/2018	12:10 PM	Weather Program of the Month	Mount Washington Observatory	Thunderstorms	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.	40	6,7,8	STEM, Science

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5/29/2018	1:10 PM	Weather Program of the Month	Mount Washington Observatory	Thunderstorms	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.	40	3,4,5	STEM, Science
5/30/2018	11:10 AM	Dinosaur Month	Museum of the Rockies	Discovering Dinosaurs	For Dinosaur Month, we're going to explore the dinosaurs on display at Museum of the Rockies. Learn about the dinosaurs that called what is now Montana home during the Cretaceous Period. See real fossils and talk to real paleontologists from the Museum of the Rockies and learn more about dinosaurs!	45	1,2,3,4,5	STEM, Science
5/30/2018	1:10 PM	Dinosaur Month	Museum of the Rockies	Discovering Dinosaurs	For Dinosaur Month, we're going to explore the dinosaurs on display at Museum of the Rockies. Learn about the dinosaurs that called what is now Montana home during the Cretaceous Period. See real fossils and talk to real paleontologists from the Museum of the Rockies and learn more about dinosaurs!	45	1,2,3,4,5	STEM, Science
6/1/2018	10:10 AM	World Oceans and Environment Week	SeaCoast Science Center	Coastal Critters, Life Between the Tide	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	45	1,2,3,4,5,6,7,8	STEM, Science, Sustainability

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					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.			
6/1/2018	11:10 AM	World Oceans and Environment Week	SeaCoast Science Center	Coastal Critters, Life Between the Tide	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.	45	1,2,3,4, 5,6,7,8	STEM, Science, Sustainability

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6/1/2018	1:10 PM	World Oceans and Environment Week	SeaCoast Science Center	Coastal Critters, Life Between the Tide	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.	45	1,2,3,4,5,6,7,8	STEM, Science, Sustainability
6/5/2018	11:10 AM	World Oceans and Environment Week	Royal Botanical Gardens	Human Impacts in Wetland Ecosystems	When you go for a walk in a forest, a meadow or a wetland, is it the same as it was 200 years ago? Probably not. That is the case for our local marsh – Cootes Paradise. We'll explore what happened and what is being done to restore this marsh. What's happening in your local ecosystems?	40	6,7,8,9,10,11,12	STEM, Science, Sustainability
6/5/2018	1:10 PM	World Oceans and Environment Week	Royal Botanical Gardens	Human Impacts in Wetland Ecosystems	When you go for a walk in a forest, a meadow or a wetland, is it the same as it was 200 years ago? Probably not. That is the case for our local marsh – Cootes Paradise. We'll explore what happened and what is being done to restore this marsh. What's happening in your local ecosystems?	40	6,7,8,9,10,11,12	STEM, Science, Sustainability

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
6/6/2018	12:10 PM	World Oceans and Environment Week	California Academy of Sciences	Sharks, Rays and Their Lagoons	Go on a virtual expedition to the Philippines, just as Academy scientists do. Learn to make observations and ask questions like a scientist while watching a live stream of our sharks and rays lagoon. This program integrates the Next Generation Science Standards by focusing on: Crosscutting Concept: Structure and function and Science and Engineering Practice: Planning and carrying out investigations.	40	3,4,5,6,7,8	STEM, Science, Sustainability
6/6/2018	1:10 PM	World Oceans and Environment Week	California Academy of Sciences	Sharks, Rays and Their Lagoons	Go on a virtual expedition to the Philippines, just as Academy scientists do. Learn to make observations and ask questions like a scientist while watching a live stream of our sharks and rays lagoon. This program integrates the Next Generation Science Standards by focusing on: Crosscutting Concept: Structure and function and Science and Engineering Practice: Planning and carrying out investigations.	40	3,4,5,6,7,8	STEM, Science, Sustainability
6/7/2018	11:10 AM	World Oceans and Environment Week	Alaska SeaLife 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!	40	1,2,3,4,5	STEM, Science, Sustainability
6/7/2018	1:10 PM	World Oceans and Environment Week	Alaska SeaLife 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!	40	1,2,3,4,5	STEM, Science, Sustainability
6/7/2018	2:10 PM	World Oceans and Environment Week	Alaska SeaLife 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!	40	1,2,3,4,5	STEM, Science, Sustainability
6/8/2018	10:10 AM	World Oceans and Environment Week	Sea Turtle, Inc.	Rocks to Reefs: Where will turtle be?	Did you know that different species of sea turtles occupy different habitats at different times of their lives? This program features the wonderful world of the ocean and the different habitats sea turtles utilize throughout their lifetime. Program includes live visits from some	40	3,4,5,6	STEM, Science, Sustainability

Date	Time (EST)	Observance	Partner	Title	Description	Length (Max)	Grade Range	Curriculum
					of our current residents and patients at Sea Turtle, Inc.!			
6/8/2018	12:10 PM	World Oceans and Environment Week	Sea Turtle, Inc.	Rocks to Reefs: Where will turtle be?	Did you know that different species of sea turtles occupy different habitats at different times of their lives? This program features the wonderful world of the ocean and the different habitats sea turtles utilize throughout their lifetime. Program includes live visits from some of our current residents and patients at Sea Turtle, Inc.!	40	3,4,5,6	STEM, Science, Sustainability
6/8/2018	1:10 PM	World Oceans and Environment Week	Sea Turtle, Inc.	Rocks to Reefs: Where will turtle be?	Did you know that different species of sea turtles occupy different habitats at different times of their lives? This program features the wonderful world of the ocean and the different habitats sea turtles utilize throughout their lifetime. Program includes live visits from some of our current residents and patients at Sea Turtle, Inc.!	40	3,4,5,6	STEM, Science, Sustainability