

# At-Home Learning Resources



## Week of Monday, February 1, 2021

(All Times Eastern, Check Local Listings)

### Monday, February 1, 2021

	12 pm	1 pm	2 pm	3 pm	4 pm
<b>Curriculum/Theme:</b>	<b>Science</b>	<b>Science</b>	<b>Engineering / Math</b>	<b>Social Studies</b>	<b>Social Studies</b>
<b>Grade Band:</b>	(Grades 6-12)	(Grades 6-12)	(Grades 6-8) / (Grades 6-12)	(Grades 9-12)	(Grades 9-12)
<b>Program Title:</b>	<b>Wild Metropolis: Commuters</b>	<b>NOVA: Saving the Dead Sea</b>	<b>SciGirls: Puppet Power (2-2:30) / Get the Math (2:30-3)</b>	<b>American Experience: The Circus, Part 2 (3-5 PM)</b>	<b>American Experience: The Circus, Part 2 (Cont.)</b>
<b>Description:</b>	In a modern migration, animals travel in and out of cities to find food or shelter or to start a family. See if the secret to success in a fast-changing world is commuting.	As the Dead Sea shrinks, engineers prepare a daring solution: to connect it with the Red Sea by way of a massive desalination plant. But will it put the environment at risk?	Izzie joins Anna and her friends to engineer a giant pig puppet for a May Day parade, complete with blinking eyes and a twirling tail. / Drawing on conventions of popular reality TV shows, <i>Get the Math</i> challenges teens to solve a series of problems using algebraic thinking.	See how Ringling Bros. and Barnum & Bailey merged to create a circus of more than 1,100 people and 1,000 animals, only to limp through the Great Depression against competition from radio and movies.	See how Ringling Bros. and Barnum & Bailey merged to create a circus of more than 1,100 people and 1,000 animals, only to limp through the Great Depression against competition from radio and movies.
<b>Related PBS LearningMedia Resource Link:</b>	<a href="#">Urban Habitat: Biodiversity in Our Cities</a>	<a href="#">Geologic Evidence Reveals a Threat to a Saltwater Pipeline</a>	<a href="#">SciGirls   Puppet Power</a>	<a href="#">How Circus Bands Spread African American Music</a>	<a href="#">How Circus Bands Spread African American Music</a>
<b>Related PBS LearningMedia Resource Link:</b>			<a href="#">Writing Algebraic Equations</a>		

### Tuesday, February 2, 2021

	12 pm	1 pm	2 pm	3 pm	4 pm
<b>Curriculum/Theme:</b>	<b>Math</b>	<b>Math</b>	<b>Science / Science</b>	<b>Social Studies</b>	<b>Social Studies</b>
<b>Grade Band:</b>	(Grade 6) / (Grade 7)	(Grade 8) / (Algebra 1)	(Grades 6-8) / (Grades 6-12)	(Grades 6-9)	(Grades 6-9)
<b>Program Title:</b>	<b>Illustrative Math Grade 6: Unit 3, Lesson 15 / Illustrative Math Grade 7: Unit 5, Lessons 1, 2</b>	<b>Illustrative Math Grade 8: Unit 5, Lesson 4 / Illustrative Math Algebra 1: Unit 6, Lesson 9</b>	<b>Battleground Everglades: Survival at Stake (2-2:30) / Battleground Everglades: Glades Warriors (2:30-3)</b>	<b>Africa's Great Civilizations, Episode 1: Origins</b>	<b>Africa's Great Civilizations, Episode 2: The Cross and The Crescent</b>
<b>Description:</b>	Finding This Percent of That / Interpreting Negative Numbers	Tables, Equations / Standard Form and Factored Form	Florida's next generation of environmental stewards trek through a cypress swamp and show how Everglades restoration has become a "classroom to the world" on saving complex wetlands. / Hear different perspectives on the conservation and restoration of the Everglades.	Journey with Henry Louis Gates Jr. to Kenya, Egypt, and beyond as he discovers the origins of man, the formation of early human societies, and the creation of significant cultural and scientific achievements on the African continent.	Henry Louis Gates Jr. charts the ancient rise of Christianity and Islam, whose economic and cultural influence stretched from Egypt to Ethiopia. Learn of African religious figures like King Lalibela, an Ethiopian saint, and Menelik, bringer of the Ark of the Covenant.
<b>Related PBS LearningMedia Resource Link:</b>	Grade 6 video lesson <a href="#">preview</a> / Grade 7 video lesson <a href="#">preview</a>	Grade 8 video lesson <a href="#">preview</a> / Algebra 1 lesson <a href="#">preview</a>	<a href="#">Florida's Everglades: The River of Grass</a>	<a href="#">Africa's Great Civilizations - Collection</a>	<a href="#">Africa's Great Civilizations - Collection</a>
<b>Related PBS LearningMedia Resource Link:</b>			<a href="#">What's Up in the Environment?: Wildlife Biology</a>		

### Wednesday, February 3, 2021

	12 pm	1 pm	2 pm	3 pm	4 pm
<b>Curriculum/Theme:</b>	<b>Science</b>	<b>Science</b>	<b>Engineering / Engineering</b>	<b>Social Studies</b>	<b>Social Studies</b>
<b>Grade Band:</b>	(Grades 6-12)	(Grades 6-8)	(Grades 6-8) / (Grades 6-12)	(Grades 6-9)	(Grades 6-9)

<b>Program Title:</b>	<b>Rivers of Life: The Amazon</b>	<b>Nature: Wild Florida</b>	<b>SciGirls: Insulation Station (2-2:30) / Project Asteroid: Mapping Benu (2:30-3)</b>	<b>Africa's Great Civilizations, Episode 3: Empires of Gold</b>	<b>Africa's Great Civilizations, Episode 4: Cities</b>
<b>Description:</b>	Explore the boiling streams, crystal-clear lagoons, pink river dolphins, and a strange new reef—some of the many secret and extreme worlds that are part of the greatest river system on Earth.	Florida is home to beaches, coral reefs, pine forests, and the famous Everglades wetland, but a growing human population and abandoned exotic pets (like pythons) threaten this wild paradise. Can Florida's ecosystems continue to weather the storm?	Greta and her sixth-grade pals use passive solar heat and bubble-wrap insulation to warm up an ice shanty on a frozen Minnesota lake. / Go behind the scenes to see how a team of scientists and engineers builds an instrument to be taken on a mission to explore the asteroid Benu.	Henry Louis Gates Jr. uncovers the complex trade networks and advanced educational institutions that transformed early North and West Africa from deserted lands into the continent's wealthiest kingdoms and learning epicentres.	Henry Louis Gates Jr. explores the power of Africa's greatest ancient cities, including Kilwa, Great Zimbabwe, and Benin City, whose wealth, art, and industrious successes attracted new European interest and interaction along the continent's east and west coasts.
<b>Related PBS LearningMedia Resource Link:</b>	<a href="#">Journey to Amazonia: Waterworlds</a>	<a href="#">Florida's Everglades: The River of Grass</a>	<a href="#">SciGirls: Insulation Station</a>	<a href="#">Africa's Great Civilizations - Collection</a>	<a href="#">Africa's Great Civilizations - Collection</a>
<b>Related PBS LearningMedia Resource Link:</b>			<a href="#">Solar System Formation</a>		

### Thursday, February 4, 2021

	12 pm	1 pm	2 pm	3 pm	4 pm
<b>Curriculum/Theme:</b>	<b>Math</b>	<b>Math</b>	<b>Science</b>	<b>Social Studies</b>	<b>Social Studies</b>
<b>Grade Band:</b>	(Grade 6 / Grade 7)	(Grade 8 / Algebra 1)	(Grades 6-12)	(Grades 6-9)	(Grades 6-9)
<b>Program Title:</b>	<b>Illustrative Math Grade 6: Unit 3, Lesson 1 / Illustrative Math Grade 7: Unit 5, Lessons 3, 4</b>	<b>Illustrative Math Grade 8: Unit 5, Lesson 5 / Illustrative Math Algebra 1: Unit 6, Lesson 10</b>	<b>Genius by Stephen Hawking: Are We Alone?</b>	<b>Africa's Great Civilizations, Episode 5: The Atlantic Age</b>	<b>Africa's Great Civilizations, Episode 6: Commerce and the Clash of Civilizations</b>
<b>Description:</b>	Finding the Percentage / Changing Elevation	More Graphs of Functions / Graphs of Functions in Standard and Factored Forms	Join Stephen Hawking as he challenges three ordinary people to work out the likelihood of alien life out there in the universe.	Henry Louis Gates Jr. explores the impact of the Atlantic trading world, giving rise to powerful new kingdoms but also transatlantic slave trade. Learn of the revolutionary movements of the 18th and early 19th centuries, including the advent of the Sokoto Caliphate.	Henry Louis Gates Jr. explores the dynamism of 19th-century Africa, the "Scramble" by European powers for its riches, and the defiant and successful stand of uncolonized Ethiopia.
<b>Related PBS LearningMedia Resource Link:</b>	Grade 6 video lesson <a href="#">preview</a> / Grade 7 video lesson <a href="#">preview</a>	Grade 8 video lesson <a href="#">preview</a> / Algebra 1 lesson <a href="#">preview</a>	<a href="#">NOVA Wonders: Using Light Signatures in the Search for Alien Life</a>	<a href="#">Africa's Great Civilizations - Collection</a>	<a href="#">Africa's Great Civilizations - Collection</a>

### Friday, February 5, 2021

	12 pm	1 pm	2 pm	3 pm	4 pm
<b>Curriculum/Theme:</b>	<b>Math</b>	<b>Math</b>	<b>ELA</b>	<b>ELA</b>	<b>ELA</b>
<b>Grade Band:</b>	(Grade 6 / Grade 7)	(Grade 8 / Algebra 1)	(Grades 6-12)	(Grades 8-12)	(Grades 8-12)
<b>Program Title:</b>	<b>Illustrative Math Grade 6: Unit 3, Lesson 1 / Illustrative Math Grade 7: Unit 5, Lessons 3, 4</b>	<b>Illustrative Math Grade 8: Unit 5, Lesson 5 / Illustrative Math Algebra 1: Unit 6, Lesson 10</b>	<b>Poetry in America: Harlem / Poetry in America: Fast Break</b>	<b>American Masters: Maya Angelou: And Still I Rise</b>	<b>American Masters: Maya Angelou: And Still I Rise (Cont.)</b>
<b>Description:</b>	Finding the Percentage / Changing Elevation	More Graphs of Functions / Graphs of Functions in Standard and Factored Forms	"What happens to a dream deferred?" Langston Hughes's question calls President Bill Clinton, pianist and composer Herbie Hancock, poet Sonia Sanchez, and students from the Harlem Children's Zone to interpret Hughes's most iconic poem, "Harlem." / Edward Hirsch's poem "Fast Break" captures a single slow-motion play on a basketball court. Shaquille does the play-by-play, heading this episode's team of on-court interpreters, who explore "Fast Break" as sport, art, and a lens on human character.	Journey through the prolific life of the "I Know Why the Caged Bird Sings" author and activist, who inspired generations with lyrical modern African American thought.	Journey through the prolific life of the "I Know Why the Caged Bird Sings" author and activist, who inspired generations with lyrical modern African American thought.
<b>Related PBS LearningMedia Resource Link:</b>	Grade 6 video lesson <a href="#">preview</a> / Grade 7 video lesson <a href="#">preview</a>	Grade 8 video lesson <a href="#">preview</a> / Algebra 1 lesson <a href="#">preview</a>	<a href="#">Hughes: Harlem</a>	<a href="#">AMERICAN MASTERS: Maya Angelou: And Still I Rise - Collection</a>	<a href="#">AMERICAN MASTERS: Maya Angelou: And Still I Rise - Collection</a>
<b>Related PBS LearningMedia Resource Link:</b>			<a href="#">Hirsch: Fast Break</a>		