

At-Home Learning Resources



Week of Monday, February 15, 2021

(All Times Eastern, Check Local Listings)

Monday, February 15, 2021

	12 pm	1 pm	2 pm	3 pm	4 pm
Curriculum/Theme:	Science	Engineering	Engineering	Social Studies	Social Studies
Grade Band:	(Grades 6-12)	(Grades 6-12)	(Grades 6-12)	(Grades 9-12)	(Grades 9-12)
Program Title:	Nature: Arctic Wolf Pack	NOVA: The Impossible Flight (1-3 PM)	NOVA: The Impossible Flight (Cont.)	American Experience: Freedom Riders (3-5 PM)	American Experience: Freedom Riders (Cont.)
Description:	Discover the white wolf, one of the most hardened predators on the planet, in the unforgiving ice and snow of Ellesmere Island, deep in the Arctic.	Follow two intrepid pilots who take on the greatest aviation adventure of our time, overcoming countless challenges as they construct and fly the first solar-powered airplane around the world.	Follow two intrepid pilots who take on the greatest aviation adventure of our time, overcoming countless challenges as they construct and fly the first solar-powered airplane around the world.	From May until November 1961, more than 400 Black and white Americans risked their lives simply by traveling together on buses and trains through the Deep South in order to challenge Jim Crow laws that segregated the interstate travel system.	From May until November 1961, more than 400 Black and white Americans risked their lives simply by traveling together on buses and trains through the Deep South in order to challenge Jim Crow laws that segregated the interstate travel system.
Related PBS LearningMedia Resource Link:	Climate Change is Disrupting Arctic Food Webs	Overcoming the Challenges of Solar Powered Flight	Overcoming the Challenges of Solar Powered Flight	AMERICAN EXPERIENCE: Freedom Riders - Collection	AMERICAN EXPERIENCE: Freedom Riders - Collection

Tuesday, February 16, 2021

	12 pm	1 pm	2 pm	3 pm	4 pm
Curriculum/Theme:	Math	Math	Science	Social Studies	Social Studies
Grade Band:	(Grade 6 / Grade 7)	(Grade 8 / Algebra 1)	(Grades 6-12)	(Grades 9-12)	(Grades 9-12)
Program Title:	Illustrative Math Grade 6: Unit 6, Lesson 4 / Illustrative Math Grade 7: Unit 5, Lesson 8	Illustrative Math Grade 8: Unit 6, Lesson 3 / Illustrative Math Algebra 1: Unit 7, Lesson 2	Rivers of Life: The Mississippi	American Experience: Freedom Summer (3-5 PM)	American Experience: Freedom Summer (Cont.)
Description:	Practice Solving Equations and Representing Situations with Equations / Position, Speed, and Direction	What a Point in a Scatter Plot Means / When and Why Do We Write Quadratic Equations	Explore the frozen waterfalls and coyotes fishing in the far North, through lakes crammed with tens of thousands of pelicans, to time-traveling grain barges and steamy southern swamps where alligators rule—all part of the Mississippi River system.	In 1964, over 700 Black and white students came to Mississippi to register Black citizens to vote and to combat other forms of discrimination, such as inadequate schools and lack of legal aid. Activists hoped the participation of educated middle-class students would bring results and attention to the miserable standard of living of Black Mississippians.	In 1964, over 700 Black and white students came to Mississippi to register Black citizens to vote and to combat other forms of discrimination, such as inadequate schools and lack of legal aid. Activists hoped the participation of educated middle-class students would bring results and attention to the miserable standard of living of Black Mississippians.
Related PBS LearningMedia Resource Link:	Grade 6 video lesson preview / Grade 7 video lesson preview	Grade 8 video lesson preview / Algebra 1 lesson preview	The Mississippi River Delta	AMERICAN EXPERIENCE: What Was "Freedom Summer?"	AMERICAN EXPERIENCE: What Was "Freedom Summer?"

Wednesday, February 17, 2021

	12 pm	1 pm	2 pm	3 pm	4 pm
Curriculum/Theme:	Engineering / Math	Science	Science	Social Studies	Social Studies
Grade Band:	(Grades 6-8) / (Grades 6-12)	(Grades 6-8)	(Grades 6-12)	(Grades 9-12)	(Grades 9-12)
Program Title:	SciGirls: Super Sensors (12-12:30) / Get the Math 2.0 (12:30-1)	NOVA: Animal Espionage	Nature: The Serengeti Rules	American Experience: Clinton (3-5 PM)	American Experience: Clinton (Cont.)

Description:	Inspired by high-tech NASA sensor technology, Rihighna and her friends design and code wildlife cameras to capture images of the animals in their neighborhood. / Drawing on conventions of popular reality TV shows, <i>Get the Math 2.0</i> challenges teens to solve a series of problems using algebraic thinking.	See how advances in camera technology are revolutionizing how we study and protect animals.	Travel back in time, from the Arctic Ocean to Pacific tide pools, with a pioneering group of scientists who make surprising discoveries that transform human understanding of nature and ecology.	Clinton tells the story of a president who rose from a broken childhood in Arkansas to become one of the most successful politicians in modern American history and one of the most complex and conflicted characters to ever stride across the public stage.	Clinton tells the story of a president who rose from a broken childhood in Arkansas to become one of the most successful politicians in modern American history and one of the most complex and conflicted characters to ever stride across the public stage.
Related PBS LearningMedia Resource Link:	SciGirls: Super Sensors. Plan & Test	How Fear of Predators Impacts the Health of Ecosystems	The Serengeti Rules	AMERICAN EXPERIENCE: Passing the Budget Bill	AMERICAN EXPERIENCE: Passing the Budget Bill
Related PBS LearningMedia Resource Link:	Writing Algebraic Equations				

Thursday, February 18, 2021

	12 pm	1 pm	2 pm	3 pm	4 pm
Curriculum/Theme:	Math	Math	Science	Social Studies	Social Studies
Grade Band:	(Grade 6 / Grade 7)	(Grade 8 / Algebra 1)	(Grades 9-12)	(Grades 9-12)	(Grades 9-12)
Program Title:	Illustrative Math Grade 6: Unit 6, Lesson 6 / Illustrative Math Grade 7: Unit 5, Lesson 9	Illustrative Math Grade 8: Unit 6, Lesson 4 / Illustrative Math Algebra 1: Unit 7, Lesson 4	Climate Change: The Facts	Frontline: Policing the Police	Frontline: Coronavirus Pandemic
Description:	Write Expressions Where Letters Stand for Numbers / Multiplying Rational Numbers	Fitting a Line to Data / Solving Quadratic Equations with the Zero Product Property	Learn about the impact of climate change (what could happen if global warming exceeds 1.5 degrees?) and discover how the latest innovations and technology pose potential solutions that may prevent further damage.	Writer and historian Jelani Cobb examines allegations of police abuses and the challenge of fixing a broken relationship with the community.	This special report focuses on the government response to the coronavirus and the human toll.
Related PBS LearningMedia Resource Link:	Grade 6 video lesson, preview / Grade 7 video lesson preview	Grade 8 video lesson preview / Algebra 1 lesson, preview	Choosing Earth's Climate Future	FRONTLINE: Police Reform	PBS NewsHour: Social Justice and the Coronavirus

Friday, February 19, 2021

	12 pm	1 pm	2 pm	3 pm	4 pm
Curriculum/Theme:	Math	Math	ELA	ELA	ELA
Grade Band:	(Grade 6 / Grade 7)	(Grade 8 / Algebra 1)	(Grades 6-9)	(Grades 6-12)	(Grades 6-12)
Program Title:	Illustrative Math Grade 6: Unit 6, Lesson 6 / Illustrative Math Grade 7: Unit 5, Lesson 9	Illustrative Math Grade 8: Unit 6, Lesson 4 / Illustrative Math Algebra 1: Unit 7, Lesson 4	Unladylike2020: Unsung Women Who Changed America	American Masters: Lorraine Hansberry: Sighted Eyes/Feeling Heart (3-5 PM)	American Masters: Lorraine Hansberry: Sighted Eyes / Feeling Heart (Cont.)
Description:	Write Expressions Where Letters Stand for Numbers / Multiplying Rational Numbers	Fitting a Line to Data / Solving Quadratic Equations with the Zero Product Property	Explore the stories of pioneering women in American politics who advocated for suffrage and civil rights over 100 years ago, including the first women in the U.S. Congress and state senate and a cofounder of the NAACP.	Explore the life and work of the <i>A Raisin in the Sun</i> playwright and activist, who played a significant role in the civil rights movement. LaTanya Richardson Jackson narrates and Anika Noni Rose is the voice of Lorraine Hansberry.	Explore the life and work of the <i>A Raisin in the Sun</i> playwright and activist, who played a significant role in the civil rights movement. LaTanya Richardson Jackson narrates and Anika Noni Rose is the voice of Lorraine Hansberry.
Related PBS LearningMedia Resource Link:	Grade 6 video lesson, preview / Grade 7 video lesson preview	Grade 8 video lesson preview / Algebra 1 lesson, preview	AMERICAN EXPERIENCE: Alice Paul and Women's Suffrage: The Great War	AMERICAN MASTERS: Lorraine Hansberry	AMERICAN MASTERS: Lorraine Hansberry