

At-Home Learning Resources



Week of Monday, November 9, 2020

Over the Air: 13.3 | Verizon Fios Pittsburgh: 473 | Broadcast TV - PITTSBURGH, MCKEESPORT: 13.3

Monday, November 9, 2020

	12 pm	1 pm	2 pm	3 pm	4 pm
Curriculum/Theme:	Science / Engineering	Science	Social Studies	Social Studies	Social Studies
Grade Band:	(Grades 6-12) / (Grades 6-8)	(Grades 9-12)	(Grades 6-12)	(Grades 6-12)	(Grades 6-12)
Program Title:	Insecta: Science That Stings (12-12:30 PM) / SciGirls: Mother Nature's Shoes (12:30-1 PM)	NOVA Wonders: What's Living in You?	The Ornament of the World (2-4 PM)	The Ornament of the World (Cont.)	Secrets of the Dead: Galileo's Moon
Description:	Join leading insect scientists as they study the often unseen world surrounding us, investigating the painful stings and fascinating science behind a variety of bugs. / Nature's designs, from polar bear paws to penguin flippers, inspire Elin and her best friends to design a safer shoe for walking on Minnesota's icy winter streets.	Dive into the human microbiome, an ecosystem of bacteria, fungi, and viruses living right beneath our noses.	Traveling through Cordoba, Granada, Seville, and Toledo, trace the 800-year period in medieval Spain when Muslims, Christians, and Jews forged a common cultural identity that frequently transcended their religious differences.	Traveling through Cordoba, Granada, Seville, and Toledo, trace the 800-year period in medieval Spain when Muslims, Christians, and Jews forged a common cultural identity that frequently transcended their religious differences.	Join experts as they uncover the truth behind the find of the century: an alleged proof copy of Galileo's "Sidereus Nuncius," with the astronomer's signature and seemingly original watercolor paintings that changed our understanding of the cosmos.
Related PBS LearningMedia Resource Link:	SciGirls (12:30): SciGirls: Mother Nature's Shoes	Rapid Evolution: Change in Real Time	Islamic Art: Religion and Ethics Newsweekly	Islamic Art: Religion and Ethics Newsweekly	Galileo's Telescope

Tuesday, November 10, 2020

	12 pm	1 pm	2 pm	3 pm	4 pm
Curriculum/Theme:	Math	Math	Social Studies	Social Studies	Social Studies
Grade Band:	(Grade 6) / (Grade 7)	(Grade 8) / (Algebra)	(Grades 6-12)	(Grades 6-12)	(Grades 6-12)
Program Title:	Illustrative Math Grade 6: Unit 3, Lesson 11 / Illustrative Math Grade 7: Unit 2, Lesson 12	Illustrative Math Grade 8: Unit 5, Lessons 2, 3 / Illustrative Math Algebra 1: Unit 6, Lesson 8	By One Vote: Woman Suffrage in the South	American Experience: Triangle Fire	Rick Steves: Luther and the Reformation
Description:	Percentages and Double Number Lines / Using Graphs to Compare Relationships	Introduction to Functions and Equations for Functions / Equivalent Quadratic Expressions	In August 1920, in Nashville, Tennessee, legislators cast the deciding vote to ratify the 19th Amendment, thus giving women in the United States the right to vote.	The 1911 fire at the Triangle Shirtwaist Factory in New York's Greenwich Village resulted in legislation ensuring the most comprehensive workplace safety laws in the United States.	Visit key sites, including Erfurt, Wittenberg, and Rome, and explore the complicated political world of 16th-century Europe, from indulgences to iconoclasts, and from the printing press to the Counter-Reformation.
Related PBS LearningMedia Resource Link:	Grade 6 video lesson preview / Grade 7 video lesson preview	Grade 8 video lesson preview / Algebra 1 lesson preview	By One Vote: Women's Suffrage in the South	The Triangle Shirtwaist Strike	Martin Luther and the Reformation

Wednesday, November 11, 2020

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

Program Title:	NOVA: Back to the Moon	Changing Seas: Toxic Waters (1-1:30 PM) / Changing Seas: The Fate of Carbon (1:30-2 PM)	American Experience: The Poison Squad (2-4 PM)	American Experience: The Poison Squad (Cont.)	Frontline: Plastic Wars
Description:	Fifty years after humans first set foot on the Moon, new scientific discoveries are fueling excitement for a return to the lunar surface—this time, perhaps, to stay.	Find out what scientists are learning about algal blooms: their causes, how they impact us, and how we can stop them. / Learn how the recent increase in carbon dioxide in the atmosphere is affecting the oceans and sensitive ecosystems through a process called <i>ocean acidification</i> .	U.S. government chemist Dr. Harvey Wiley takes on food manufacturers to banish dangerous substances threatening the health of consumers, laying the groundwork for U.S. consumer protection laws and the creation of the Food and Drug Administration.	U.S. government chemist Dr. Harvey Wiley takes on food manufacturers to banish dangerous substances threatening the health of consumers, laying the groundwork for U.S. consumer protection laws and the creation of the Food and Drug Administration.	<i>Frontline investigates the fight over the future of plastics, the crisis of water pollution, and whether the plastic industry used recycling to sell more plastic.</i>
Related PBS LearningMedia Resource Link:	Back to the Moon: Finding Water on the Lunar Surface	Toxic Waters - Algae Blooms Affect Great Lakes Drinking Water	Poison in Common Products	Poison in Common Products	In Pursuit of Plastic
Related PBS LearningMedia Resource Link:		Changing Seas - Demystifying Ocean Acidification			

Thursday, November 12, 2020

	12 pm	1 pm	2 pm	3 pm	4 pm
Curriculum/Theme:	Math	Math	Social Studies	Social Studies	Social Studies
Grade Band:	(Grade 6) / (Grade 7)	(Grade 8) / (Algebra)	(Grades 6-12)	(Grades 6-12)	(Grades 9-12)
Program Title:	Illustrative Math Grade 6: Unit 3, Lesson 15 / Illustrative Math Grade 7: Unit 5, Lessons 1, 2	Illustrative Math Grade 8: Unit 5, Lesson 4 / Illustrative Math Algebra 1: Unit 6, Lesson 9	Summomed: Frances Perkins and the General Welfare	Medicine Woman	Enemy of the Reich: The Noor Inayat Khan Story
Description:	Finding This Percent of That / Interpreting Negative Numbers	Tables, Equations / Standard Form and Factored Form	In the depths of the Great Depression, Franklin Roosevelt appointed Frances Perkins as the first woman in a presidential Cabinet. Against overwhelming odds, she became the driving force behind Social Security, the 40-hour workweek, the 8-hour day, minimum wage, and unemployment compensation.	She was America's first Native doctor, breaking barriers of race and gender to heal her traumatized people—and a century later, Native women from many tribes follow in her footsteps.	In August 1943, the last clandestine radio operator in Paris desperately signaled London. Everything depended on her, and the Gestapo was at the door. How did a Sorbonne-educated musician and author become a daring spy in Nazi-occupied France?
Related PBS LearningMedia Resource Link:	Grade 6 video lesson preview / Grade 7 video lesson preview	Grade 8 video lesson preview / Algebra 1 lesson preview	FDR: New Deal Programs	Generations of Healing	Women in Combat: Women in World War II

Friday, November 13, 2020

	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)	(Grades 6-12) / (Grade 6-12)	(Grade 8-12)	(Grade 8-12)
Program Title:	Illustrative Math Grade 6: Unit 2, Lessons 11, 12 / Illustrative Math Grade 7: Unit 2, Lesson 8	Illustrative Math Grade 8: Unit 4, Lesson 12 / Illustrative Math Algebra 1: Unit 6, Lesson 4	Poetry in America: The New Colossus (2-2:30 PM) / Poetry in America: Harlem (2:30-3 PM)	Great Performances: Julius Caesar (3-5 PM)	Great Performances: Julius Caesar (Cont.)

Description:	Introducing Double Number Line Diagrams / Using Equations to Solve Problems	More Balanced Moves / How Does It Change?	While "The New Colossus" once welcomed immigrants into New York Harbor from its perch on the Statue of Liberty, this episode brings the discussion of poetry and immigration into our current moment. / Langston Hughes's question of "What happens to a dream deferred?" calls former 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."	Experience Shakespeare as never before in an all-female production from the Donmar Warehouse set in prison.	Experience Shakespeare as never before in an all-female production from the Donmar Warehouse set in prison.
Related PBS LearningMedia Resource Link:	Grade 6 video lesson preview / Grade 7 video lesson preview	Grade 8 video lesson preview / Algebra 1 lesson preview	Emma Lazarus: The New Colossus	Great Performances: Julius Caesar	Great Performances: Julius Caesar
Related PBS LearningMedia Resource Link:			Langston Hughes: Harlem		