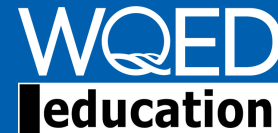


At-Home Learning Resources



Week of Monday, January 25, 2021

(All Times Eastern, Check Local Listings)

Monday, January 25, 2021

	12 pm	1 pm	2 pm	3 pm	4 pm
Curriculum/Theme:	Science	Science	Science / Engineering	Social Studies	Social Studies
Grade Band:	(Grades 6-12)	(Grades 6-12)	(Grades 6-12) / (Grades 6-8)	(Grades 8-12)	(Grades 8-12)
Program Title:	NOVA: Decoding the Weather Machine (Noon-2 PM)	NOVA: Decoding the Weather Machine (Cont.)	Changing Seas: After the Spill (2-2:30) / SciGirls: Blowing in the Wind (2:30-3)	American Experience: The Mine Wars (3-5 PM)	American Experience: The Mine Wars (Cont.)
Description:	Join scientists on a quest to better understand the workings of the weather machine—our climate, which is changing—and discover how we can be resilient, even thrive, in the face of enormous change.	Join scientists on a quest to better understand the workings of the weather machine—our climate, which is changing—and discover how we can be resilient, even thrive, in the face of enormous change.	Oceanographers investigate the long-term effects of a catastrophic oil spill in the Gulf of Mexico. / Four girls conduct experiments to find out how the size, shape, and position of wind turbine blades affect the amount of electricity they produce and then select a location and design their own model wind farm.	Go inside the bitter battle to unionize coal miners at the dawn of the 20th century that led to the largest armed insurrection since the Civil War and turned parts of West Virginia into a bloody war zone.	Go inside the bitter battle to unionize coal miners at the dawn of the 20th century that led to the largest armed insurrection since the Civil War and turned parts of West Virginia into a bloody war zone.
Related PBS LearningMedia Resource Link:	NOVA: Decoding the Weather Machine	NOVA: Decoding the Weather Machine	How Big is the Oil Spill?	Mine Wars: Who Worked in the West Virginia Coal Mines?	Mine Wars: Who Worked in the West Virginia Coal Mines?

Related PBS LearningMedia Resource Link:			SciGirls Blowin' in the Wind		
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Tuesday, January 26, 2021

	12 pm	1 pm	2 pm	3 pm	4 pm
Curriculum/Theme:	Math	Math	Science / Science	Social Studies	Social Studies
Grade Band:	(Grade 6 / Grade 7)	(Grade 8 / Algebra 1)	(Grades 6-8) / (Grades 6-12)	(Grades 8-12)	(Grades 9-12)
Program Title:	Illustrative Math Grade 6: Unit 3, Lesson 5 / Illustrative Math Grade 7: Unit 2, Lesson 11	Illustrative Math Grade 8: Unit 4, Lesson 15 / Illustrative Math Algebra 1: Unit 6, Lesson 6	Battleground Everglades: The Battle Over Big Water (2-2:30) / Battleground Everglades: Dangerous Seas (2:30-3)	Frontline: Coal's Deadly Dust	American Experience: Influenza 1918
Description:	Comparing Speeds and Prices / Interpreting Graphs of Proportional Relationships	Writing Systems of Equations / Building Quadratic Equations to Describe Situations (Part 2)	See how new restoration efforts to reverse the damage to Lake Okeechobee in the Everglades—the result of harnessing nature in the name of progress—may save the wetlands yet. / Explore the effects of sea level rise on the delicate Everglades ecosystems, including an impact on drinking water supplies and the physical coastline itself.	FRONTLINE and NPR investigate the rise of severe black lung disease among coal miners and the government and industry's failure to respond.	Examine the social ramifications of the 1918 flu epidemic that killed 675,000—more than those killed in all the major wars of the 20th century—and how it affected those who lived through it.
Related PBS LearningMedia Resource Link:	Grade 6 video lesson preview / Grade 7 video lesson preview	Grade 8 video lesson preview / Algebra 1 lesson preview	An Everglades Visit	A Resurgence in Black Lung Disease: Coal's Deadly Dust	Influenza 1918 - Photo Gallery: Investigation of Influenza

Wednesday, January 27, 2021

	12 pm	1 pm	2 pm	3 pm	4 pm
Curriculum/Theme:	Science	Science	Science	Social Studies	Social Studies
Grade Band:	(Grades 6-12)	(Grades 6-12)	(Grades 6-12)	(Grades 9-12)	(Grades 9-12)
Program Title:	Rivers of Life: The Nile	Wild Metropolis: Residents	SuperNature: Wild Flyers: Defying Gravity	American Experience: The Chinese Exclusion Act (3-5 PM)	American Experience: The Chinese Exclusion Act (Cont.)

Description:	The Nile is the world's longest river—its great length providing a lifeline for Africa's wildest beasts and for some of the world's most incredible cultures.	From pythons in Bangkok to otters in Singapore, cities may seem unlikely havens for wildlife, but for animals able to adapt, the urban world is filled with opportunity.	Explore the basic principles of flight to understand how animals become airborne, and see the special techniques each creature uses to overcome gravity.	Examine the origin, history, and impact of the 1882 law that made it illegal for Chinese workers to come to America and for Chinese nationals already here ever to become U.S. citizens.	Examine the origin, history, and impact of the 1882 law that made it illegal for Chinese workers to come to America and for Chinese nationals already here ever to become U.S. citizens.
Related PBS LearningMedia Resource Link:	NONE	Peregrine Falcons in Urban Settings	When Insects Flew Eons	The Chinese Exclusion Act	The Chinese Exclusion Act

Thursday, January 28, 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 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	Genius by Stephen Hawking: Can We Time Travel?	American Experience, The Circus, Part 1 (3-5 PM)	American Experience, The Circus, Part. 1(Cont.)
Description:	Percentages and Double Number Lines / Using Graphs to Compare Relationships	Introduction to Functions and Equations for Functions / Equivalent Quadratic Expressions	Join Stephen Hawking as he challenges three ordinary people to determine if time travel is possible.	Travel back to 1793 Philadelphia, when America's first circus was established, and witness its crash into American culture. The arrival of P. T. Barnum in 1871 transformed the trade, and the five Ringling brothers created a spectacle of their own.	Travel back to 1793 Philadelphia, when America's first circus was established, and witness its crash into American culture. The arrival of P. T. Barnum in 1871 transformed the trade, and the five Ringling brothers created a spectacle of their own.
Related PBS LearningMedia Resource Link:	Grade 6 video lesson preview / Grade 7 video lesson preview	Grade 8 video lesson preview / Algebra 1 lesson preview	Gravity and Acceleration: Light Falls	Circus Women Advocate for Suffrage	Circus Women Advocate for Suffrage

Friday, January 29, 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 6-12) / (Grade 6-12)	(Grade 8-12)	(Grade 8-12)
Program Title:	Illustrative Math Grade 6: Unit 3, Lesson 5 / Illustrative Math Grade 7: Unit 2, Lesson 11	Illustrative Math Grade 8: Unit 4, Lesson 15 / Illustrative Math Algebra 1: Unit 6, Lesson 6	Poetry in America: The New Colossus (30 min) / Poetry in America: To Prisoners (30 min)	Great Performances: Julius Caesar	Great Performances: Julius Caesar (cont.)

Description:	Comparing Speeds and Prices / Interpreting Graphs of Proportional Relationships	Writing Systems of Equations / Building Quadratic Equations to Describe Situations (Part 2)	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. / Learn from Senator John McCain, playwright and activist Anna Deavere Smith, poets Reginald Dwayne Betts and Li-Young Lee, and four exonerated prisoners about poetry’s special resonance for those behind bars.	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	Lazarus: The New Colossus	GREAT PERFORMANCES: Julius Caesar	GREAT PERFORMANCES: Julius Caesar
Related PBS LearningMedia Resource Link:			Brooks: To Prisoners		