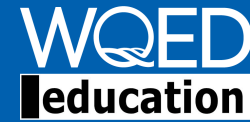


At-Home Learning Resources



Week of Monday, December 14, 2020

(All Times Eastern, Check Local Listings)

Monday, December 14, 2020

	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 9-12)	(Grades 6-12)	(Grades 6-12)	(Grades 6-12)
Program Title:	Follow the Water	NOVA Wonders: Can We Make Life?	Kingdoms of the Sky: Andes	Ken Burns's The National Parks: America's Best Idea, Ep. 1: The Scripture of Nature (1851-1890) (3-4 pm)	Ken Burns's The National Parks: America's Best Idea, Ep. 1: The Scripture of Nature (1851-1890) (Cont.)
Description:	Join photographer and author Michael Forsberg and filmmaker Pete Stegen as they follow a mythical drop of water 1,300 miles through three different states and journey through the Platte Basin watershed.	Discover the breakthroughs in genetic engineering enabling scientists to create and manipulate DNA as never before and find out if it's possible to cure genetic diseases and bring extinct animals back to life.	Experience the astonishing natural life found in the world's longest mountain range, where pumas hunt guanaco, shape-shifting frogs hide in remote cloud forests, and descendants of the Inca build bridges of grass.	In 1851, word spreads across the country of a beautiful area of California's Yosemite Valley, attracting visitors who wish to exploit the land's scenery for commercial gain and those who wish to keep it pristine.	In 1851, word spreads across the country of a beautiful area of California's Yosemite Valley, attracting visitors who wish to exploit the land's scenery for commercial gain and those who wish to keep it pristine.
Related PBS LearningMedia Resource Link:	Photographs of the Nebraska Sandhills	NOVA Wonders: Genetic Engineering to Prevent Extinctions	Grass Bridge	Ken Burns in the Classroom: The National Parks: America's Best Idea - Collection	Ken Burns in the Classroom: The National Parks: America's Best Idea - Collection

Tuesday, December 15, 2020

	12 pm	1 pm	2 pm	3 pm	4 pm
Curriculum/Theme:	Math	Math	Engineering / Social Studies	Social Studies	Social Studies
Grade Band:	(Grade 6 / Grade 7)	(Grade 8 / Algebra 1)	(Grades 6-8) / (Grades 6-12)	(Grades 6-12)	(Grades 6-12)
Program Title:	Illustrative Math Grade 6: Unit 6, Lessons 16, 17 / Illustrative Math Grade 7: Unit 6, Lesson 11	Illustrative Math Grade 8: Unit 7, Lesson 3 / Illustrative Math Algebra 1: Unit 7, Lesson 8	SciGirls: Aquabots (2-2:30) / Ken Burns's The National Parks: America's Best Idea, Ep. 2: The Last Refuge (1890-1915) (2:30-5)	Ken Burns's The National Parks: America's Best Idea, Ep. 2: The Last Refuge (1890-1915) (2:30-5)	Ken Burns's The National Parks: America's Best Idea, Ep. 2: The Last Refuge (1890-1915) (Cont.)
Description:	Two Related Quantities, Part 1 and Part 2 / Using Equations to Solve Problems	Powers of Powers of Ten / Solving Quadratic Expressions in Factored Form (Part 3)	Akina and friends dive into underwater robotics at the U.S. Naval Academy, building a "Sea Perch" ROV to investigate artificial oyster reefs in Chesapeake Bay. / By the end of the 19th century, widespread industrialization has left many Americans worried about whether the country will have any pristine land left, sparking a conservation movement led by organizations such as the Sierra Club, the Audubon Society, and the Boone and Crockett Club.	By the end of the 19th century, widespread industrialization has left many Americans worried about whether the country will have any pristine land left, sparking a conservation movement led by organizations such as the Sierra Club, the Audubon Society, and the Boone and Crockett Club.	By the end of the 19th century, widespread industrialization has left many Americans worried about whether the country will have any pristine land left, sparking a conservation movement led by organizations such as the Sierra Club, the Audubon Society, and the Boone and Crockett Club.
Related PBS LearningMedia Resource Link:	Grade 6 video lesson preview / Grade 7 video lesson preview	Grade 8 video lesson preview / Algebra 1 lesson preview	SciGirls: Aquabots: Identify the Problem	Ken Burns in the Classroom: The National Parks: America's Best Idea - Collection	Ken Burns in the Classroom: The National Parks: America's Best Idea - Collection
Related PBS LearningMedia Resource Link:			Ken Burns in the Classroom: The National Parks: America's Best Idea - Collection		
Wednesday, December 16, 2020					
	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 9-12)	(Grades 6-8)	(Grades 6-12)	(Grades 6-12)
Program Title:	Changing Seas: Toxic Algae: Complex Sources and Solutions (12-12:30) / Changing Seas: The Future of Seafood (12:30-1)	Climate Change: The Facts	Kingdoms of the Sky: Rockies	Ken Burns's The National Parks: America's Best Idea, Ep. 3: The Empire of Grandeur (1915-1919) (3-5 PM)	Ken Burns's The National Parks: America's Best Idea, Ep. 3: The Empire of Grandeur (1915-1919) (Cont.)
Description:	Scientists investigate the cause of algae growth on Lake Okeechobee, once a source of fresh water for the region. / See how increasing fish production in a sustainable way may be a solution to increasing the seafood supply.	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.	Experience the amazing wildlife and remarkable people who inhabit this 3,000-mile mountain range, home to cougars, wolverines, wolves, and grizzlies. Daredevil wingsuit flyers jump from high peaks, and Native Americans compete in breakneck horse races.	In the early 20th century, America has a dozen national parks, but they are a haphazard patchwork of special places under the supervision of different federal agencies.	In the early 20th century, America has a dozen national parks, but they are a haphazard patchwork of special places under the supervision of different federal agencies.
Related PBS LearningMedia Resource Link:	Algae Blooms Affect Great Lakes Drinking Water	Choosing Earth's Climate Future		Ken Burns in the Classroom: The National Parks: America's Best Idea - Collection	Ken Burns in the Classroom: The National Parks: America's Best Idea
Related PBS LearningMedia Resource Link:	Aquaponics: Reducing Impacts of Overfishing				

Thursday, December 17, 2020

	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 6-12)	(Grades 6-12)
Program Title:	Illustrative Math Grade 6: Unit 7, Lesson 1 / Illustrative Math Grade 7: Unit 7, Lesson 18	Illustrative Math Grade 8: Unit 7, Lesson 4 / Illustrative Math Algebra 1: Unit 7, Lesson 9	Kingdoms of the Sky: Himalaya	Ken Burns's The National Parks: America's Best Idea, Ep. 4: Going Home (1920-1933) (3-5 PM)	Ken Burns's The National Parks: America's Best Idea, Ep. 4: Going Home (1920-1933) (Cont.)

Description:	Positive and Negative Numbers / Subtraction in Equivalent Expressions	Dividing Powers of Ten / Solving Quadratic Equations by Using Factored Form	Witness the extraordinary wildlife and remarkable people of Earth's highest mountain range, where Tibetan monks perform ancient rituals, snow leopards prowl the mountainsides, and bizarre snub-nosed monkeys survive in frozen forests.	While visiting the parks was once predominantly the domain of Americans wealthy enough to afford the high-priced train tours, the advent of the automobile allows more visitors than ever before.	While visiting the parks was once predominantly the domain of Americans wealthy enough to afford the high-priced train tours, the advent of the automobile allows more visitors than ever before.
Related PBS LearningMedia Resource Link:	Grade 6 video lesson preview / Grade 7 video lesson preview	Grade 8 video lesson preview / Algebra 1 lesson preview	NATURE: The Himalayas	Ken Burns in the Classroom: The National Parks: America's Best Idea - Collection	Ken Burns in the Classroom: The National Parks: America's Best Idea - Collection

Friday, December 18, 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 1)	(Grades 6-12) / (Grades 9-12)	(Grades 9-12)	(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	Poetry in America: I cannot dance upon my toes / Great Performances: Much Ado About Nothing (2:30 - 5)	Great Performances: Much Ado About Nothing (2:30-5)	Great Performances: Much Ado About Nothing (Cont.)
Description:	Finding This Percent of That / Interpreting Negative Numbers	Tables, Equations / Standard Form and Factored Form	An ensemble of interpreters do not only discuss their interpretations of Emily Dickinson's ravishing ballet-themed poem, they also act, play, and dance. / Recorded live at the Public Theater's Free Shakespeare in the Park, this modern interpretation of Shakespeare's romantic classic with an all-black cast features Danielle Brooks and Grantham Coleman and is directed by Tony Award-winner Kenny Leon.	Recorded live at the Public Theater's Free Shakespeare in the Park, this modern interpretation of Shakespeare's romantic classic with an all-black cast features Danielle Brooks and Grantham Coleman and is directed by Tony Award-winner Kenny Leon.	Recorded live at the Public Theater's Free Shakespeare in the Park, this modern interpretation of Shakespeare's romantic classic with an all-black cast features Danielle Brooks and Grantham Coleman and is directed by Tony Award-winner Kenny Leon.

Related PBS LearningMedia Resource Link:	Grade 6 video lesson preview / Grade 7 video lesson preview	Grade 8 video lesson preview / Algebra 1 lesson preview	Emily Dickinson: I Cannot Dance Upon My Toes	GREAT PERFORMANCES: Much Ado About Nothing	GREAT PERFORMANCES: Much Ado About Nothing
Related PBS LearningMedia Resource Link:			GREAT PERFORMANCES: Much Ado About Nothing/		