

At-Home Learning Resources



Week of Monday, October 26, 2020

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

Monday, October 26, 2020

	12 pm	1 pm	2 pm	3 pm	4 pm
Curriculum/Theme:	Science	Science	Social Studies	Social Studies	Social Studies
Grade Band:	(Grades 6-12)	(Grades 6-8)	(Grades 6-12)	(Grades 6-12)	(Grades 8-12)
Program Title:	Life from Above: Colorful Planet	Nature: Attenborough and the Sea Dragon	The Story of China with Michael Wood: The Last Empire / The Age of Revolution (2-4 PM)	The Story of China with Michael Wood: The Last Empire / The Age of Revolution (Cont.)	Secrets of the Dead: The Woman in the Iron Coffin
Description:	Often called the "blue planet," Earth is actually a kaleidoscope of color resulting from natural and human activities.	Join Sir David Attenborough as he pieces together the remarkable discovery of the ichthyosaur, a fearsome fish lizard that lived during the age of dinosaurs.	Learn about China's last empire, the Qing, and about the great Taiping Rebellion, which resulted in the death of 20 million and the fall of the empire in 1911.	Learn about China's last empire, the Qing, and about the great Taiping Rebellion, which resulted in the death of 20 million and the fall of the empire in 1911.	In 2011, construction workers found human remains buried in an elaborate iron coffin belonging to a young African American woman who had died before the Civil War and the federal abolishment of slavery. Follow a team of historians and scientists as they investigate this woman's story and reveal a vivid picture of what life was like for free African American people in the North.
Related PBS LearningMedia Resource Link:	The Ocean. A Driving Force for Weather and Climate	NOVA: Australia's First Four Billion Years - Ancient Sea Reptiles	The Story of China: Know Your Dynasties	The Story of China: Know Your Dynasties	Slavery in the North

Tuesday, October 27, 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 7-12)	(Grades 7-12)	(Grades 6-12)
Program Title:	Illustrative Math Grade 6: Unit 2, Lesson 8, 9 PBS IM Grade 7: Unit 2, Lesson 7	Illustrative Math Grade 8: Unit 4, Lesson 9,10 Illustrative Math Algebra 1: Unit 6, Lesson 3	Reconstruction: America After the Civil War, Part 1 (2-4)	Reconstruction: America After the Civil War, Part 1 (Cont.)	John Lewis: Get in the Way
Description:	How Much for One? and Constant Speed / Comparing Relationships with Tables	When Are They the Same? / Building Quadratic Functions from Geometric Patterns	<i>Reconstruction: America After the Civil War explores the transformative years following the war, when the nation struggled to rebuild in the face of profound loss, massive destruction, and revolutionary social change.</i>	Post-Civil War America was a new world. For African Americans living in the former Confederacy, Reconstruction was what historian W. E. B. Du Bois once described as their "brief moment in the sun."	Follow the journey of civil rights hero, congressman, and human rights champion John Lewis. At the Selma march, Lewis came face-to-face with club-wielding troopers and exemplified nonviolence.
Related PBS LearningMedia Resource Link:	Grade 6 video lesson preview / Grade 7 video lesson preview	Grade 8 video lesson preview / Algebra 1 lesson preview	Reconstruction: America After the Civil War - Collection	Reconstruction: America After the Civil War - Collection	The Right to Vote

Wednesday, October 28, 2020

	12 pm	1 pm	2 pm	3 pm	4 pm
Curriculum/Theme:	Science / Science	Engineering	Social Studies	Social Studies	Social Studies
Grade Band:	(Grades 6-8) / (Grades 6-8)	(Grades 6-12)	(Grades 7-12)	(Grades 7-12)	(Grades 6-12)

Program Title:	Changing Seas: Creatures of the Deep (12-12:30 PM, Eastern); SciGirls: Horsing Around (12:30-1 PM, Eastern)	NOVA: Apollo's Daring Mission	Reconstruction: America After the Civil War, Part 2 (2-4 PM, Eastern)	Reconstruction: America After the Civil War, Part 2 (Cont.)	In Their Own Words: Muhammad Ali
Description:	New research sheds light on the lives of little-known animals that spend their entire lives in the Gulf of Mexico's cold, deep waters. / Four girls design a set of experiments for three horses that quantify their fitness, stride length, and conformation, and devise a test to measure how smoothly each horse moves.	Hear Apollo astronauts and engineers tell the inside story of how the first mission to the Moon, Apollo 8, pioneered groundbreaking technologies that would pave the way to land a man on the Moon and win the space race. This show contains material that may be sensitive for some students. <i>Teachers should exercise discretion in evaluating whether this show is suitable for their class.</i>	Hour three of the series examines the years 1877-1896, a transitional period that saw visions of a "New South" set the stage for the rise of Jim Crow and the undermining of Reconstruction's legal and political legacy.	The turn of the century is known as the "nadir" of race relations, when white supremacy was ascendant and African Americans faced both physical and psychological oppression.	Follow Muhammad Ali's path from a gym in Louisville to boxing successes, conversion to Islam, opposition to the draft, exile from the ring, comeback fights, Parkinson's disease, and his inspirational reemergence at the Atlanta Olympics.
Related PBS LearningMedia Resource Link:	Animals of the Northern Gulf of Mexico	Apollo's Daring Mission: Rocket Engine Design Problem	Reconstruction: America After the Civil War - Collection	Reconstruction: America After the Civil War - Collection	Muhammad Ali: Boxer and Civil Rights Activist
Related PBS LearningMedia Resource Link:	SciGirls: Horsing Around 02 - Research				

Thursday, October 29, 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 9-12)	(Grades 9-12)	(Grades 6-12)
Program Title:	Illustrative Math Grade 6: Unit 2, Lesson 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	American Experience: The Circus, Part 1 (2-4 PM, Eastern)	American Experience: The Circus, Part 1 (Cont.)	10 That Changed America: 10 Modern Marvels That Changed America
Description:	How Much for One? and Constant Speed / Comparing Relationships with Equations	Systems of Equations / Comparing Quadratic and Linear Functions	Explore the early days of this popular, influential, and distinctly American form of entertainment during an era when master showmen P. T. Barnum, James Bailey, and the Ringling Brothers transformed the nation's popular culture.	Explore the early days of this popular, influential, and distinctly American form of entertainment during an era when master showmen P. T. Barnum, James Bailey, and the Ringling Brothers transformed the nation's popular culture.	Learn about the people who found ways to provide safe drinking water to growing cities, opened new lines of commerce with canals, and built a railroad line that connected the coasts.
Related PBS LearningMedia Resource Link:	Grade 6 video lesson preview / Grade 7 video lesson preview	Grade 8 video lesson preview / Algebra 1 lesson preview	Circus Women Advocate for Suffrage	Circus Women Advocate for Suffrage	Hoover Dam

Friday, October 30, 2020

	12 pm	1 pm	2 pm	3 pm	4 pm
Curriculum/Theme:	Math	Math	ELA/Science Literacy	Science Literacy	ELA
Grade Band:	(Grade 6) / (Grade 7)	(Grade 8) / (Algebra)	(Grades 6-12) / (Grades 6-12)	(Grades 6-12)	(Grades 6-12)
Program Title:	Illustrative Math Grade 6: Unit 2, Lesson 6 Illustrative Math Grade 7: Unit 2, Lesson 6	Illustrative Math Grade 8: Unit 4, Lesson 4,5 Illustrative Math Algebra 1: Unit 6, Lesson 2	Poetry in America: Fast Break (2-2:30 PM, Eastern) / POV: Inventing Tomorrow (2:30-4 PM, Eastern)	POV: Inventing Tomorrow (Cont.)	American Masters: Worlds of Ursula K. Le Guin

Description:	Introducing Double Number Line Diagrams / Using Equations to Solve Problems	More Balanced Moves / How Does it Change?	In this video excerpted from <i>Poetry in America</i> , join Edward Hirsch, host Elisa New, NBA players Shaquille O'Neal, Pau Gasol, and Shane Battier, and a group of pickup basketball players as they use basketball to understand poetry—and poetry to better understand the game of basketball. / Teenage innovators prepare solutions to the world's environmental threats for presentation at the Intel International Science and Engineering Fair.	Teenage innovators prepare solutions to the world's environmental threats for presentation at the Intel International Science and Engineering Fair.	Explore the remarkable life and legacy of the late feminist author Ursula K. Le Guin, whose groundbreaking work, including <i>The Left Hand of Darkness</i> , transformed American literature by bringing science fiction into the literary mainstream.
Related PBS LearningMedia Resource Link:	Grade 6 video lesson preview / Grade 7 video lesson preview	Grade 8 video lesson preview / Algebra 1 lesson preview	Poetry in America: Fast Break	Inventing Tomorrow: Understanding Soil as a Filter/	Ursula K. Le Guin - Collection
Related PBS LearningMedia Resource Link:			Inventing Tomorrow: Understanding Soil as a Filter		