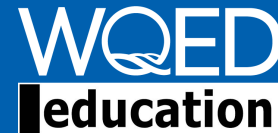


At-Home Learning Resources



Week of Monday, February 8, 2021

(All Times Eastern, Check Local Listings)

Monday, February 8, 2021

	12 pm	1 pm	2 pm	3 pm	4 pm
Curriculum/Theme:	Science	Engineering	Science	Social Studies	Social Studies
Grade Band:	(Grades 6-8) / (Grades 6-8)	(Grades 6-12)	(Grades 6-12)	(Grades 7-12)	(Grades 7-12)
Program Title:	SciGirls: Cartoon Coders (12-12:30 PM) / SciGirls: Science Cooks (12:30-1 PM)	Blackbird: Legacy of Innovation	Big Pacific: Mysterious	Reconstruction: America After the Civil War (3-5 PM)	Reconstruction: America After the Civil War (Part 1, Hour 2) (Cont.)
Description:	Fueled by their passion for technology and social justice, Kanah, Margaret, and Eh Lay create a computer animation that urges kids to take action in their own communities. / The SciGirls calculate the nutritional content of two recipes and then investigate ways to increase their nutritional value by exploring the effects of cooking time, acids, and salt on taste.	See the challenges and breakthroughs encountered while working on the design of the Blackbird, the world's fastest and highest-flying aircraft.	We are just beginning to explore the depths of the Pacific Ocean, which covers one-third of Earth, as well as the organisms that live there.	African Americans had played a crucial role in saving the Union and now, as the country grappled with the terms and implications of Reconstruction, they struggled to breathe life into their hard-won freedom.	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," but support for the social, economic, and political gains they achieved didn't last long.
Related PBS LearningMedia Resource Link:	SciGirls: Cartoon Coders: Brainstorm	Overcoming the Challenges of Solar Powered Flight	SciGirls: Terrific Pacific: Observations	Reconstruction: America After the Civil War - Collection	Reconstruction: America After the Civil War - Collection

Related PBS LearningMedia Resource Link:	SciGirls: Science Cooks!				
Tuesday, February 9, 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 6-12)	(Grades 6-12)
Program Title:	Illustrative Math Grade 6: Unit 6, Lesson 1 / Illustrative Math Grade 7: Unit 5, Lesson 5	Illustrative Math Grade 8: Unit 5, Lesson 8 / Illustrative Math Algebra 1: Unit 6, Lesson 11	Big Pacific: Violent	In Their Own Words: Muhammad Ali	John Lewis: Get in the Way
Description:	Tape Diagrams and Equations / Representing Subtraction	Linear Functions / Graphing from the Factored Form	Violence is part of life in the Pacific, and those who live here must choose whether to avoid conflict or rise to meet it.	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.	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	The Shark and the Lamprey	Muhammad Ali: Boxer and Civil Rights Activist	The Right to Vote John Lewis: Get in the Way
Wednesday, February 10, 2021					
	12 pm	1 pm	2 pm	3 pm	4 pm
Curriculum/Theme:	Science	Science	Science	Social Studies	Social Studies
Grade Band:	(Grades 6-8)	(Grades 6-12)	(Grades 6-12)	(Grades 7-12)	(Grades 7-12)
Program Title:	NOVA: Eagle Power	Genius by Stephen Hawking: Why Are We Here?	Big Pacific: Voracious	Reconstruction: America After the Civil War (Part 2, Hour 1)	Reconstruction: America After the Civil War (Part 2, Hour 2) (Cont.)
Description:	Researchers put one eagle to the test to find out what makes these birds special; stunning up-close footage reveals her incredible strength, eyesight, and flying skills.	Join Stephen Hawking as he challenges three ordinary people to think like philosophers and scientists to work out why they exist at all.	See how the challenge of finding food drives all life in the Pacific Ocean.	The years 1877–1896 were a transitional period that saw visions of a “New South” and set the stage for the rise of Jim Crow and the undermining of Reconstruction's legal and political legacy.	At the turn of the century, white supremacy was ascendant; African Americans faced both physical and psychological oppression but found ways to fight back, using artistic expression to put forward a “New Negro” for a new century.

Related PBS LearningMedia Resource Link:	NATURE: American Eagle: Fledgling	The Human Spark: How We Learn	Coastal Food Web	Reconstruction: America After the Civil War - Collection	Reconstruction: America After the Civil War - Collection
Thursday, February 11, 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 6-12)	(Grades 6-12)
Program Title:	Illustrative Math Grade 6: Unit 6, Lesson 2 / Illustrative Math Grade 7: Unit 5, Lesson 6	Illustrative Math Grade 8: Unit 5, Lessons 9, 10 / Illustrative Math Algebra 1: Unit 6, Lesson 14	Big Pacific: Passionate	Boss: The Black Experience in Business	Boss: The Black Experience in Business (Cont.)
Description:	Truth and Equations / Subtracting Rational Numbers	Linear Models / Graphs That Represent Situations	See how the quest to multiply has led to a broad range of unusual behaviors and adaptations.	Learn about the untold story of African American entrepreneurship, where skill, industriousness, ingenuity, and sheer courage in the face of overwhelming odds provide the backbone of this nation's economic and social growth.	Learn about the untold story of African American entrepreneurship, where skill, industriousness, ingenuity, and sheer courage in the face of overwhelming odds provide the backbone of this nation's economic and social growth.
Related PBS LearningMedia Resource Link:	Grade 6 video lesson preview / Grade 7 video lesson preview	Grade 8 video lesson preview / Algebra 1 lesson preview	Dolphin Reproductive Behavior	Our Inspiration: The Story of Maggie Lena Walker	Our Inspiration: The Story of Maggie Lena Walker
Friday, February 12, 2021					
	12 pm	1 pm	2 pm	3 pm	4 pm
Curriculum/Theme:	Math	Math	Public Affairs	Public Affairs	ELA
Grade Band:	(Grade 6 / Grade 7)	(Grade 8 / Algebra 1)	(Grades 9-12)	(Grades 9-12)	(Grade 6-12)
Program Title:	Illustrative Math Grade 6: Unit 6, Lesson 1 / Illustrative Math Grade 7: Unit 5, Lesson 5	Illustrative Math Grade 8: Unit 5, Lesson 8 / Illustrative Math Algebra 1: Unit 6, Lesson 11	The Talk: Race in America (2-4 PM)	The Talk: Race in America (Cont.)	The Great American Read: Who Am I?

Description:	Tape Diagrams and Equations / Representing Subtraction	Linear Functions / Graphing from the Factored Form	This documentary film chronicles how families of color protect their children's lives with "The Talk," which explains what to do and how to behave if you are stopped by the police.	This documentary film chronicles how families of color protect their children's lives with "The Talk," which explains what to do and how to behave if you are stopped by the police.	Explore the ways that America's best-loved novels answer the age-old question, "Who am I?" From life lessons to spiritual journeys, these books help us understand our own identities and find our place in the world.
Related PBS LearningMedia Resource Link:	Grade 6 video lesson preview / Grade 7 video lesson preview	Grade 8 video lesson preview / Algebra 1 lesson preview	FRONTLINE: Police Reform	FRONTLINE: Police Reform	The Great American Read