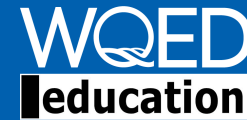


At-Home Learning Resources



Week of Monday, December 7, 2020

(All Times Eastern, Check Local Listings)

Monday, December 7, 2020

	12 pm	1 pm	2 pm	3 pm	4 pm
Curriculum/Theme:	Science	Science	Science	Social Studies	Social Studies
Grade Band:	(Grades 9-12)	(Grades 6-8)	(Grades 6-8)	(Grades 6-12)	(Grades 6-12)
Program Title:	NOVA Wonders: Can We Build a Brain?	NOVA: Cat Tales	Nature: Okavango: River of Dreams: Paradise	Latino Americans, Episode 5: Prejudice and Pride (1965-1980)	Breakthrough: The Ideas That Changed the World: The Telescope
Description:	Decode the latest advances in artificial intelligence—does it actually work, and is it truly intelligent—and are we handing over too much power to machines?	Cats have been worshiped as gods, condemned as demons, and spun into a stunning array of breeds, but did we ever really domesticate them?	Explore the landscape and wildlife of the Upper Okavango River, where the deep water shows elephants swimming and carving channels through the reeds and papyrus, setting small birds afloat to drift past hippos and crocodiles.	In the 1960s and 1970s, a generation of Mexican Americans, frustrated by persistent discrimination and poverty, finds a new way forward through social action and the building of a new "Chicano" identity.	Meet the brilliant minds throughout history, from Galileo to Edwin Hubble, who were responsible for creating the telescope. Today, their invention allows humanity to reach the furthest limits of seeing: 13 billion light-years out.
Related PBS LearningMedia Resource Link:	NOVA Wonders: Can We Build A Brain? - Driverless Vehicles Yield to Complex Issues	Cats, Yesterday and Today	NATURE: Okavango: River of Dreams - Big Feet and Buoyancy	Latino Americans - Collection	Hubble Telescope: Looking Deep

Tuesday, December 8, 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 6-8)	(Grades 6-12)	(Grades 6-12)
Program Title:	Illustrative Math Grade 6: Unit 6, Lesson 9 / Illustrative Math Grade 7: Unit 5, Lessons 13, 14	Illustrative Math Grade 8: Unit 6, Lesson 6 / Illustrative Math Algebra 1: Unit 7, Lesson 6	Nature: Okavango: River of Dreams: Limbo	Latino Americans, Episode 6: Peril and Promise (1980-2000)	Breakthrough: The Ideas That Changed the World: The Airplane
Description:	The Distributive Property, Part 1 / Expressions with Rational Numbers and Solving Problems with Rational Numbers	The Slope of a Fitted Line / Rewriting Quadratic Expressions in Factored Form (Part 1)	Explore the landscape and wildlife of the "Middle River," the delta of the Okavango River.	Learn about the second wave of Cubans arriving in Miami during the Mariel exodus and the hundreds of thousands of Central Americans fleeing civil wars, death squads, and unrest to head north.	From Leonardo da Vinci's "flying machines" to the modern commercial plane, without these inventions, we may have never left the ground.
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: Okavango: River of Dreams - Interconnections in the Okavango River Delta	Latino Americans - Collection	From the Wright Brothers to Today STEM in 30

Wednesday, December 9, 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 6-8)	(Grades 9-12)	(Grades 9-12)
Program Title:	NOVA: Day the Dinosaurs Died	NOVA: Rise of the Mammals	Nature: Okavango: River of Dreams: Inferno	American Experience: The Eugenics Crusade	American Experience: The Eugenics Crusade (Cont.)
Description:	Investigate how an asteroid vanquished the dinosaurs 66 million years ago.	The discovery of a rare trove of fossils reveals in vivid detail how our own group of creatures—mammals—emerged after the asteroid impact that wiped out the great dinosaurs 66 million years ago.	Discover the landscape and wildlife of the Lower Okavango River, where the land is baked dry by the scorching Sun and large herds of zebra and wildebeest migrate to the dry plains in search of the precious salt that they need.	<i>The Eugenics Crusade tells the story of the unlikely—and largely unknown—campaign to breed a "better" American race, tracing the rise of the movement that turned the fledgling science of heredity into a powerful instrument of social control.</i>	<i>The Eugenics Crusade tells the story of the unlikely—and largely unknown—campaign to breed a "better" American race, tracing the rise of the movement that turned the fledgling science of heredity into a powerful instrument of social control.</i>

Related PBS LearningMedia Resource Link:	Mass Extinction: Solving the Dinosaur Mystery	Tracking Ecosystem Recovery After Collapse	NATURE: Okavango: River of Dreams - Nocturnal Animal Adaptations	Ken Burns in the Classroom: Genetics, History and the American Eugenics Movement	Ken Burns in the Classroom: Genetics, History and the American Eugenics Movement
---	---	--	--	--	--

Thursday, December 10, 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 6-8) / (Grades 6-8)	(Grades 9-12)	(Grades 6-12)
Program Title:	Illustrative Math Grade 6: Unit 6, Lesson 10 / Illustrative Math Grade 7: Unit 6, Lesson 10	Illustrative Math Grade 8: Unit 7, Lesson 2 / Illustrative Math Algebra 1: Unit 7, Lesson 7	SciGirls: Habitat Havoc (30 min) / SciGirls: Dolphin Dive (30 min)	American Experience: Test Tube Babies	Breakthrough: The Ideas That Changed the World: The Robot
Description:	The Distributive Property, Part 2 / Different Options for Solving One Equation	Multiplying Powers of Ten / Rewriting Quadratic Expressions in Factored Form (Part 2)	Budding naturalist Lea and her SciGirl pals investigate what the non-native Canary Island Palm does to San Diego habitats and then recruit their classmates to plant a native butterfly garden in their local wildlife area. / Izzie, Serena, and Ceci bond with bottlenose dolphins and explore their behavior at the Dolphins Plus Research Center.	<i>Test Tube Babies tells the story of doctors, researchers, and hopeful couples who pushed the limits of science and triggered a technological revolution in human reproduction.</i>	Learn how robots were first conceptualized in ancient Rome and see how their use has evolved over the centuries, from the calculator to the Roomba.
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: Habitat Havoc Mentor Movement	Test Tube Babies - Biography: Landrum Shettles	NOVA: Rise of the Robots
Related PBS LearningMedia Resource Link:			SciGirls: Habitat Havoc Dolphin Dive		

Friday, December 11, 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 6-12)	(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	Poetry in America: Harlem / Poetry in America: Fast Break	American Masters: Worlds of Ursula K. Le Guin	Shakespeare Uncovered: "Much Ado About Nothing" with Helen Hunt
Description:	Percentages and Double Number Lines / Using Graphs to Compare Relationships	Introduction to Functions and Equations for Functions / Equivalent Quadratic Expressions	"What happens to a dream deferred?" Langston Hughes's question calls 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." / Edward Hirsch's poem, "Fast Break," captures a single slow-motion play on a basketball court. Shaquille does the play by play, heading this episode's team of on court interpreters who explore "Fast Break" as sport, art, and lens on human character.	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.	Helen Hunt explores how <i>Much Ado About Nothing</i> became one of Shakespeare's most beloved romantic comedies.
Related PBS LearningMedia Resource Link:	Grade 6 video lesson preview / Grade 7 video lesson preview	Grade 8 video lesson preview / Algebra 1 lesson preview	Hughes: Harlem	AMERICAN MASTERS: Ursula K. Le Guin	Much Ado About Nothing - Collection
Related PBS LearningMedia Resource Link:			Hirsch: Fast Break		