



At-Home Learning Resources



CHANNEL 34.5 | COMCAST 1160

Week of Monday, September 14, 2020

(All Times Eastern, Check Local Listings)

Monday, September 14, 2020

Curriculum/Theme:	12 pm Science / Science	1 pm Science	2 pm Social Studies	3 pm Social Studies	4 pm Social Studies
Grade Band:	(Grades 6-8) / (Grades 6-12)	(Grades 6-12)	(Grades 6-12)	(Grades 6-9)	(Grades 6-12)
Program Title:	Battleground Everglades: Algae Explosion (12-12:30) / Battleground Everglades: War on Invasive Species (12:30-1)	Rivers of Life: The Nile	Civilizations, Episode 5: Renaissances	Africa's Great Civilizations, Episode 1: Origins	Latino Americans, Episode 5: Prejudice and Pride (1965-1980)
Description:	Charles J. Kropke speaks with scientists, environmentalists, and legislators on all sides of the issue of the 2016 toxic algae outbreak in the Everglades, an unprecedented local disaster with international implications. / Go behind the scenes of the fight against the devastation caused by non-native plants and animals and efforts by retrained military veterans who capture Burmese pythons.	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.	Travel east and west—to Renaissance Italy and to the contemporaneous Islamic empires.	Uncover the origins of man and early human society in Africa with Henry Louis Gates, Jr.	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.
Related PBS LearningMedia Resource Link:	The Value of Wetlands 1	NONE	Islamic Art	Africa's Great Civilizations Collection	Latino Americans Collection
Related PBS LearningMedia Resource Link:	The Value of Wetlands 2				

Tuesday, September 15, 2020

Curriculum/Theme:	12 pm Science / Science	1 pm Science	2 pm Social Studies	3 pm Social Studies	4 pm Social Studies
Grade Band:	(Grades 6-12)	(Grades 6-12)	(Grades 6-12)	(Grades 6-9)	(Grades 6-12)
Program Title:	Battleground Everglades: The Battle Over Big Water (12-12:30) / Battleground Everglades: Dangerous Seas (12:30-1)	Rivers of Life: The Amazon	Civilizations, Episode 6: Paradise on Earth	Africa's Great Civilizations, Episode 2: The Cross and the Crescent	Latino Americans, Episode 6: Peril and Promise (1980-2000)
Description:	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.	Explore the boiling streams, crystal-clear lagoons, pink river dolphins, and a strange new reef—some of the many secret and extreme worlds that are part of the greatest river system on Earth.	Explore one of humanity's deepest artistic urges: the depiction of nature.	The second hour of <i>Africa's Great Civilizations</i> charts the rise of Christianity and Islam across Africa.	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.
Related PBS LearningMedia Resource Link:	Big Water: An Everglades Visit	Journey Into Amazonia: Waterworlds	Realism: Landscape	Africa's Great Civilizations Collection	Latino Americans Collection

Wednesday, September 16, 2020

Curriculum/Theme:	12 pm Science / Science	1 pm Science	2 pm Social Studies	3 pm Social Studies	4 pm Social Studies
Grade Band:	(Grades 6-8) / (Grades 6-12)	(Grades 6-12)	(Grades 6-12)	(Grades 6-9)	(Grades 6-12)
Program Title:	Battleground Everglades: Survival at Stake (12-12:30) / Battleground Everglades: Glades Warriors (12:30-1)	Rivers of Life: The Mississippi	Civilizations, Episode 7: Color and Light	Africa's Great Civilizations, Episode 3: Empires of Gold	Breakthrough: The Ideas That Changed the World: The Telescope
Description:	Florida's next generation of environmental stewards trek through a cypress swamp and show how Everglades restoration has become a "classroom to the world" on saving complex wetlands. / Hear different perspectives on the conservation and restoration of the Everglades.	Explore the frozen waterfalls and coyotes fishing in the far north, through lakes crammed with tens of thousands of pelicans, to time-traveling grain barges and steamy southern swamps where alligators rule—all part of the Mississippi River system.	Explore light and color in art in the search for greater realism and spiritual ecstasy.	A look at the complex trade networks and advanced educational institutions that transformed early North and West Africa into the continent's wealthiest kingdoms and learning centers.	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:	Florida's Everglades: The River of Grass	The Mississippi River Delta	Stained Glass: Canterbury Cathedral	Africa's Great Civilizations Collection	Hubble Telescope: Looking Deep
Related PBS LearningMedia Resource Link:	Warriors: Glades Warriors: Wildlife Biology				

Thursday, September 17, 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 6-12)	(Grades 6-12)	(Grades 6-9)	(Grades 6-12)
Program Title:	Genius by Stephen Hawking: Are We Alone?	NOVA: Dog Tales	Civilizations, Episode 8: The Cult of Progress	Africa's Great Civilizations, Episode 4: Cities	Breakthrough: The Ideas That Changed the World: The Airplane
Description:	Join Professor Stephen Hawking as he challenges three ordinary people to work out the likelihood of alien life out there in the universe.	Scientists test wolf intelligence, decode canine DNA, and peer into dogs' brains to find out what domestication really means and whether dogs really love us or are just in it for the food.	Examine the rise and fall of "progress" as an ideology.	From 1000 to 1600, commerce, wealth, and prosperity expanded across Africa, building new cities and founding new powerful states that mark this golden age.	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:	NOVA: Using Light Signatures in the Search for Alien Life	Photo Essay: From Wolf to Dog	Profiles of the American West: George Catlin	Africa's Great Civilizations Collection	From the Wright Brothers to Today

Friday, September 18, 2020

	12 pm	1 pm	2 pm	3 pm	4 pm
Curriculum/Theme:	Engineering / Math	Science	ELA	ELA	ELA
Grade Band:	(Grades 6-8) / (Grades 6-12)	(Grades 6-12)	(Grades 6-12)	(Grades 9-12)	(Grades 9-12)
Program Title:	SciGirls: Puppet Power (12-12:30) / Get the Math (12:30-1)	To Catch a Comet	Poetry in America: I cannot dance upon my toes / Poetry in America: The Fish	American Masters: Toni Morrison: The Pieces I Am	American Masters: Toni Morrison: The Pieces I Am (Cont.)
Description:	Izzie joins Anna and her friends to engineer a giant pig puppet for a May Day parade, complete with blinking eyes and a twirling tail. / Drawing on conventions of popular reality TV shows, <i>Get the Math</i> challenges teens to solve a series of problems using algebraic thinking.	Watch a compelling documentary that details the complexities and challenges of the 10-year, four-million-mile journey of the spacecraft Rosetta as it chased down and landed on the Comet 67P/Churyumov-Gerasimenko.	This episode's ensemble of interpreters not only discuss—they also act, play, and dance—their interpretations of Emily Dickinson's ravishing ballet-themed poem. / This environmental science-themed episode explores Marianne Moore's great poem of marine life. Vice President Al Gore, poet Jorie Graham, and scientists from Conservation International dive into Moore's portrayal of the always-changing ocean and its future in a warming world.	Toni Morrison leads an assembly of her peers and critics on an exploration of the powerful themes she confronted throughout her literary career in this artful and intimate meditation that examines the life and work of the legendary storyteller. <i>This program contains material that may be sensitive for some students. Teachers should exercise discretion in evaluating whether this resource is suitable for their class.</i>	Toni Morrison leads an assembly of her peers and critics on an exploration of the powerful themes she confronted throughout her literary career in this artful and intimate meditation that examines the life and work of the legendary storyteller. <i>This program contains material that may be sensitive for some students. Teachers should exercise discretion in evaluating whether this resource is suitable for their class.</i>
Related PBS LearningMedia Resource Link:	SciGirls: Puppet Power	Why Study Comets?	Dickenson: I Cannot Dance Upon My Toes	The Pain of History and Beloved	The Pain of History and Beloved
Related PBS LearningMedia Resource Link:	Math: Writing Algebraic Equations				