

# At-Home Learning Resources



**Week of Monday, April 12, 2021**

(All Times Eastern, Check Local Listings)

**Monday, April 12, 2021**

	12 pm	1 pm	2 pm	3 pm	4 pm
<b>Curriculum/Theme:</b>	Science	Science	Science / Science	Social Studies	Social Studies
<b>Grade Band:</b>	(Grades 9-12)	(Grades 6-8)	(Grades 6-8) / Grades 6-8)	(Grades 7-12)	(Grades 9-12)
<b>Program Title:</b>	<b>NOVA Wonders: What's the Universe Made Of?</b>	<b>Nature: Sex, Lies and Butterflies</b>	<b>SciGirls: Butterfly Diaries (2-2:30) / Insecta: Science That Stings (2:30-3)</b>	<b>American Experience: Space Men</b>	<b>American Experience: The Murder of Emmett Till</b>
<b>Description:</b>	Peer into the deepest unknowns of the universe to explore the mysteries of dark matter and dark energy as physicists try to uncover the identity of these elusive components and their epic battle over the fate of the universe.	Look beyond the bright colors and fragile beauty of butterflies to explore their 360-degree vision, deceptive camouflage, and chemical weaponry and follow them on one of the greatest migrations on Earth.	Mimi and her friends explore a milkweed patch, counting monarchs to help scientists track the butterfly population; raise monarch caterpillars; and use a video diary to capture their metamorphosis into butterflies. / Join leading insect scientists as they study the often unseen world surrounding us, investigating the painful stings and fascinating science behind a variety of bugs.	Before the days of NASA, U.S. Air Force pilots and scientists laid the groundwork for the U.S. space program. With a fraction of NASA's budget, Project Excelsior would send Captain Joseph Kittinger to a record-breaking 102,800 feet above Earth, lifted not by rocket, but by balloon.	In August 1955, a 14-year-old black boy from Chicago whistled at a white woman in a grocery store in Money, Mississippi. Emmett Till didn't understand that he had broken the unwritten laws of the Jim Crow South. Till's subsequent murder and trial horrified the nation and the world and were a spark that helped mobilize the civil rights movement.
<b>Related PBS LearningMedia Resource Link:</b>	<a href="#">The Fate of the Expanding Universe   NOVA Wonders: What's the Universe Made Of?</a>	<a href="#">SciGirls   Butterfly Diaries: Data Collection</a>	<a href="#">SciGirls   Butterfly Diaries: Data Collection</a>	<a href="#">SpaceX's Successful Rocket Landing Marks New Chapter for Space Exploration   PBS NewsHour</a>	<a href="#">The Murder of Emmett Till- Emmett Till's Funeral</a>
<b>Related PBS LearningMedia Resource Link:</b>			<a href="#">Seasonal Science: Asian Tiger Mosquito</a>		

**Tuesday, April 13, 2021**

	12 pm	1 pm	2 pm	3 pm	4 pm
<b>Curriculum/Theme:</b>	Math	Math	Science	Social Studies	Social Studies
<b>Grade Band:</b>	(Grade 6) / (Grade 7)	(Grade 8) / (Algebra 1)	(Grades 6-12)	(Grades 6-12)	(Grades 6-12)
<b>Program Title:</b>	<b>Illustrative Math Grade 6: Unit 3, Lesson 15 / Illustrative Math Grade 7: Unit 5, Lessons 1, 2</b>	<b>Illustrative Math Grade 8: Unit 5, Lesson 4 / Illustrative Math Algebra 1: Unit 6, Lesson 9</b>	<b>Prehistoric Road Trip: Welcome to Fossil Country</b>	<b>Chasing the Moon: A Place Beyond the Sky (3-5 PM)</b>	<b>Chasing the Moon: A Place Beyond the Sky (Cont.)</b>
<b>Description:</b>	Finding This Percent of That / Interpreting Negative Numbers	Tables, Equations / Standard Form and Factored Form	Travel with Emily through billions of years of Earth's history to meet some of its earliest life forms, from primitive bacteria to giant reptiles—and many surprising creatures in between.	In 1957, during the early years of the space race, the United States struggles to catch up with the Soviet Union. The episode reveals breathtaking failures and successes of the nascent American space program and demonstrates the stakes and costs of reaching the Moon.	In 1957, during the early years of the space race, the United States struggles to catch up with the Soviet Union. The episode reveals breathtaking failures and successes of the nascent American space program and demonstrates the stakes and costs of reaching the Moon.
<b>Related PBS LearningMedia Resource Link:</b>	Grade 6 <a href="#">video lesson preview</a> / Grade 7 <a href="#">video lesson preview</a>	Grade 8 <a href="#">video lesson preview</a> / Algebra <a href="#">video lesson preview</a>	<a href="#">Making North America   Stromatolites: World's Oldest Living Fossil</a>	<a href="#">Sputnik's Launch Begins the Space Race   Chasing the Moon</a>	<a href="#">Sputnik's Launch Begins the Space Race   Chasing the Moon</a>

**Wednesday, April 14, 2021**

	12 pm	1 pm	2 pm	3 pm	4 pm
<b>Curriculum/Theme:</b>	Science	Science	Science	Social Studies	Social Studies
<b>Grade Band:</b>	(Grades 6-8)	(Grades 9-12)	(Grades 6-12)	(Grades 6-12)	(Grades 6-12)
<b>Program Title:</b>	<b>NOVA: Nature's Fear Factor</b>	<b>NOVA Wonders: What's Living in You?</b>	<b>Prehistoric Road Trip: We Dig Dinosaurs</b>	<b>Chasing the Moon: Earthrise (3-5 PM)</b>	<b>Chasing the Moon: Earthrise (Cont.)</b>

<b>Description:</b>	When top predators disappeared from Mozambique's Gorongosa National Park, other animals fell into unusual patterns; scientists are now reintroducing wild dogs to restore the park's "landscape of fear" and with it the natural balance of the ecosystem.	Dive into the human microbiome, an ecosystem of bacteria, fungi, and viruses living right beneath our noses.	The dinosaurs dominated the planet and then suddenly disappeared—find out what happened to them and how other life forms survived.	<i>Earthrise covers 1964–1968, four heady, dangerous years in the history of the space race, focusing on the events surrounding the Apollo 1 and Apollo 8 missions.</i>	<i>Earthrise covers 1964–1968, four heady, dangerous years in the history of the space race, focusing on the events surrounding the Apollo 1 and Apollo 8 missions.</i>
<b>Related PBS LearningMedia Resource Link:</b>	<a href="#">How Fear of Predators Impacts the Health of Ecosystems   Animal Espionage</a>	<a href="#">Rapid Evolution: Change in Real Time   NOVA Wonders: What's Living in You?</a>	<a href="#">Tracking Ecosystem Recovery after Collapse   Rise of the Mammals</a>	<a href="#">Ed Dwight, First Black Astronaut Trainee   Chasing the Moon</a>	<a href="#">Ed Dwight, First Black Astronaut Trainee   Chasing the Moon</a>

**Thursday, April 15, 2021**

	<b>12 pm</b>	<b>1 pm</b>	<b>2 pm</b>	<b>3 pm</b>	<b>4 pm</b>
<b>Curriculum/Theme:</b>	<b>Math</b>	<b>Math</b>	<b>Science</b>	<b>Social Studies</b>	<b>Social Studies</b>
<b>Grade Band:</b>	(Grade 6 / Grade 7)	(Grade 8 / Algebra 1)	(Grades 6-12)	(Grades 6-12)	(Grades 6-12)
<b>Program Title:</b>	<b>Illustrative Math Grade 6: Unit 3, Lesson 1 / Illustrative Math Grade 7: Unit 5, Lessons 3, 4</b>	<b>Illustrative Math Grade 8: Unit 5, Lesson 5 / Illustrative Math Algebra 1: Unit 6, Lesson 10</b>	<b>Prehistoric Road Trip: Tiny Teeth, Fearsome Beasts</b>	<b>Chasing the Moon: Magnificent Desolation (3-5 PM)</b>	<b>Chasing the Moon: Magnificent Desolation (Cont.)</b>
<b>Description:</b>	Finding the Percentage / Changing Elevation	More Graphs of Functions / Graphs of Functions in Standard and Factored Forms	Join Emily as she continues her adventure discovering surprising truths hidden in the fossil record, while other scientists studying our planet's past are revealing clues about its future.	Americans travel to the Moon and back in the final episode that also considers what happens to scientific and engineering programs—and to a country—after ambitious national goals have been achieved.	Americans travel to the Moon and back in the final episode that also considers what happens to scientific and engineering programs—and to a country—after ambitious national goals have been achieved.
<b>Related PBS LearningMedia Resource Link:</b>	Grade 6 <a href="#">video lesson preview</a> / Grade 7 <a href="#">video lesson preview</a>	Grade 8 <a href="#">video lesson preview</a> / Algebra 1 <a href="#">video lesson preview</a>	<a href="#">Antarctica's Ice-Free Past   Polar Extremes</a>	<a href="#">Poppy Northcutt, NASA Pioneer   Chasing the Moon</a>	<a href="#">Poppy Northcutt, NASA Pioneer   Chasing the Moon</a>

**Friday, April 16, 2021**

	<b>12 pm</b>	<b>1 pm</b>	<b>2 pm</b>	<b>3 pm</b>	<b>4 pm</b>
<b>Curriculum/Theme:</b>	<b>Math</b>	<b>Math</b>	<b>ELA</b>	<b>ELA</b>	<b>ELA</b>
<b>Grade Band:</b>	(Grade 6) / (Grade 7)	(Grade 8) / (Grades 9-12)	(Grades 9-12)	(Grades 9-12)	(Grades 9-12)
<b>Program Title:</b>	<b>Illustrative Math Grade 6: Unit 3, Lesson 15 / Illustrative Math Grade 7: Unit 5, Lessons 1, 2</b>	<b>Illustrative Math Grade 8: Unit 5, Lesson 4 / Masterpiece: Les Misérables, Part 4 (1:30-2:30 PM)</b>	<b>Masterpiece: Les Misérables, Part 4 (Cont.) / Masterpiece: Les Misérables, Part 5 (2:30-3:30 PM)</b>	<b>Masterpiece: Les Misérables, Part 5 (Cont.) / Masterpiece: Les Misérables, Part 6 (3:30-5 PM)</b>	<b>Masterpiece: Les Misérables, Part 6 (Cont.)</b>
<b>Description:</b>	Finding This Percent of That / Interpreting Negative Numbers	Tables, Equations / Now a young woman, Cosette moves to Paris under Valjean's protection. There, she meets the handsome law student Marius, who unwittingly brings a nightmare to life.	Now a young woman, Cosette moves to Paris under Valjean's protection. There, she meets the handsome law student Marius, who unwittingly brings a nightmare to life. / As revolution sweeps Paris, Valjean and Cosette hide out, Marius searches for Cosette, Thenardier disappears, and Javert obsessively tracks Valjean.	As revolution sweeps Paris, Valjean and Cosette hide out, Marius searches for Cosette, Thenardier disappears, and Javert obsessively tracks Valjean. / Marius mans the barricades, where a hostile Valjean intercepts him. They end up fleeing together through the sewers of Paris. Cosette's story reaches its conclusion. So does Javert's.	Marius mans the barricades, where a hostile Valjean intercepts him. They end up fleeing together through the sewers of Paris. Cosette's story reaches its conclusion. So does Javert's.
<b>Related PBS LearningMedia Resource Link:</b>	Grade 6 <a href="#">video lesson preview</a> / Grade 7 <a href="#">video lesson preview</a>	Grade 8 <a href="#">video lesson preview</a>	<a href="#">Les Misérables   MASTERPIECE</a>	<a href="#">Les Misérables   MASTERPIECE</a>	<a href="#">Les Misérables   MASTERPIECE</a>
<b>Related PBS LearningMedia Resource Link:</b>		<a href="#">Les Misérables   MASTERPIECE</a>			