We've published NEW content to PBS LearningMedia from some of our recent broadcasts, and more resources will be added to these collections soon! Have you watched one of these shows on television or via streaming? Explore the accompanying resources, contextualized for educational use.

Have you already used some of resources, or do you plan to? Tell us your stories at education@wgbh.org!

Our Bringing the Universe to America's Classrooms resources, Earth and Space Science resources created in collaboration with NASA, have been used extensively during school Covid-19 closures, with over 243,000 users accessing the resources more than 842,000 times. Trusted content, curriculum alignment, engaging data-driven visualizations, and robust support materials are all reasons why they have been used so extensively for distance learning. Check out this lesson plan on heat distribution for grades 9-12:

The Ocean and Climate: Heat Redistribution

Lesson Objective: Students will be able to relate the connections between unequal heating of Earth’s surface and patterns of sea surface temperature, surface winds, and ocean density to ocean currents.
They will communicate how the ocean redistributes heat around the planet by exploring data maps and visualizations. This lesson also comes with English Learner (EL) supports.

**Time Allotment:** Two 45-minute sessions

**Get the Full Lesson Plan**

**Included in this Lesson:**

**Media Gallery: Perpetual Ocean**
Stimulate your students curiosity and interest about ocean circulation as well as its causes and mechanisms. They will view phenomena of ocean flows around the world from different perspectives through these visual depictions.

**Interactive: Insolation on Earth**
Students will learn about how the amount of solar energy reaching Earth’s surface varies across the globe and through time. These maps from NASA show average monthly insolation over the course of a year.

**Interactive Lesson:**
**North Atlantic Ocean Circulation**
In this interactive lesson, students can explore the ocean’s role in redistributing the Sun’s energy on Earth. Through NASA data visualizations, they can investigate how various factors interact in the transport of heat.

**Sample Support Materials**
DESE and WGBH Partnership for Educational Resources

Handout

EL Support: Vocabulary

NV Support: An Early Observation of the Deep Ocean

Full Lesson Plan