



Celebrate 50 Years of Earth Day

This year marks the 50th anniversary of Earth Day, a day that serves as a reminder for us to sustain and improve our planet's incredibly complex and vibrant environment. It is important to educate ourselves about the Earth and ways to be environmentally friendly and energy efficient to ensure its health.

Learn more about our blue planet with our Bringing the Universe to America's Classrooms collection created in collaboration with NASA. The collection contains standards-aligned Earth Science resources for every grade. Resources come with support materials to help you engage your students and are aligned to Next Generation Science Standards.

Browse the Resources



Mapping Landforms and Water Bodies

Teach students about different landforms and water bodies, and the various characteristics that make them distinct from one another in this lesson plan featuring a virtual island with videos and ground-level and aerial images.

[More Grades K-2 Resources](#)

[Reducing the Impacts of Flooding](#)

DESE and WGBH Partnership for Educational Resources



One natural hazard that affects many people and places worldwide is floods. Build a city that will keep the Fidgets and their community safe and dry during a flood with this PBS KIDS game.

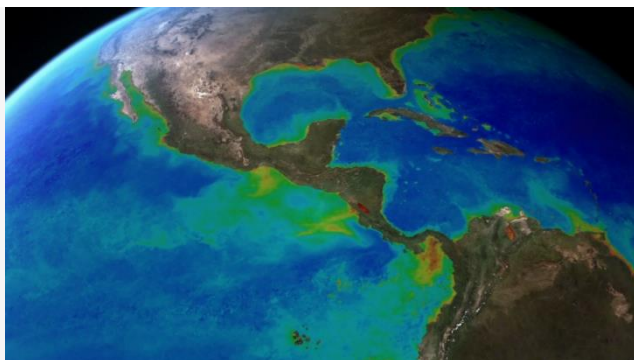
[More Grades 3-5 Resources](#)



Plate Tectonics

The process of plate tectonics has played a major role in shaping oceans, continents, and life on Earth. Use this video to teach your students how scientists are studying the origins of tectonic plates.

[More Grades 6-8 Resources](#)



The Ocean: A Driving Force for Weather and Climate

Earth's ocean is in constant motion, distributing thermal energy and nutrients around the world. Teach your students how the ocean relates to climate and weather.

[More Grades 9-12 Resources](#)

Go on a Virtual Field Trip with NOVA!

DESE and WGBH Partnership for Educational Resources



**POLAR
EXTREMES**

**CELEBRATE EARTH DAY WITH
DR. KIRK JOHNSON**

Join NOVA Education for an Earth Day conversation with Dr. Kirk Johnson, Sant Director of the Smithsonian National Museum of Natural History and host of NOVA Polar Extremes, to discuss why we study the Earth & what we can do to protect it.

WEDNESDAY, APRIL 22, 2020
1pm ET / 10am PT

STREAMING ON
 NOVA EDUCATION

NOVA

Stream it on the NOVA Education Facebook Page