



PBS LearningMedia

PBS LearningMedia | New York

A service of New York's Public Television Stations



Mountain Lake PBS | Thirteen/WNET | WCNY | WLIW | WMHT | WNED | WPBS | WSKG | WXXI

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# Science Collections:



The "Dissection 101" series includes educational videos, lesson plans, quizzes, etc. for many dissections, including the crayfish, clam, earthworm and more! The resources were developed for many reasons including, but not limited to reducing the number of specimens used by a class, to increase the quality of the dissection and to increase the learning experience for the students.

<http://ny.pbslearningmedia.org/collection/dissection-videos-for-classroom-use/>



Explore the amazing ways in which nature works to make our lives cleaner and healthier every day. In this series of videos from The Nature Conservancy, see how all types of environments, plants, and animals play crucial roles in maintaining our global ecosystem, and how we can help play a role as well in making a more sustainable future.

<http://ny.pbslearningmedia.org/collection/nature-works-everywhere/>



Is global warming melting Antarctic ice at an unprecedented rate? Will it raise sea levels, flooding the world's coastlines? NET Television and NOVA take you behind-the-scenes as science teams from the United States, New Zealand, Germany and Italy embark on an ambitious International Polar Year (IPY) expedition called ANDRILL. ANDRILL is an international research program conducting geological research in Antarctica by drilling rock cores from the past to project into future climate conditions on Earth.

<http://ny.pbslearningmedia.org/collection/antarcticas-climate-secrets/>



What will the future bring, and what will it be made of? In NOVA's popular series, Making Stuff, technology reporter David Pogue takes viewers on a fun-filled tour of the material world we live in, and the one that may lie ahead. Get a behind-the-scenes look at scientific innovations ushering in a new generation of materials that are different than anything we've ever seen.

<http://ny.pbslearningmedia.org/collection/nvms/>

WXXI

# MISSION: SOLAR SYSTEM

NASA AND DESIGN SQUAD NATION TEAM UP TO INSPIRE A NEW GENERATION OF ENGINEERS

DESIGN SQUAD  
NATION



Mission: Solar System is a transmedia project between NASA and WGBH's *Design Squad Nation*, celebrating NASA's Year of the Solar System. The project's videos and hands-on engineering design challenges focus on the science and engineering involved in exploring our astronomical neighborhood.

<http://ny.pbslearningmedia.org/collection/mss/>



## EARTH A NEW WILD

Explore the wonders of the natural world through *EARTH A New Wild*, the thrilling PBS series exploring the crossroads between nature, conservation, and society. Through *EARTH*, discover how human beings shape the world around us, and how nature and wildlife adapt to live by our side.

<http://ny.pbslearningmedia.org/collection/earth-a-new-wild/>



Smithsonian  
Science Education Center

## Smithsonian Education Collection

Explore new resources from the Smithsonian Science Education Center, committed to improving K-12 teaching and learning of science for all students around the globe.

<http://ny.pbslearningmedia.org/collection/smithsonian-science-education-center/>

# NASA

## PHYSICS AND ENGINEERING COLLECTION

*NASA Physics and Engineering Collection* is designed to bring real-world applications of physics and engineering concepts into high school classrooms. The videos and interactive presentations that make up the collection are drawn from NASA's vast collection of media resources. <http://ny.pbslearningmedia.org/collection/npe11/>

# SciGirls



*SciGirls* educational materials provide gender-equitable teaching strategies and hands-on inquiries based on the concepts modeled in *SciGirls*' videos. The *SciGirls* approach is rooted in research on how to engage girls in STEM.

<http://ny.pbslearningmedia.org/collection/scigirls/>



## PLANETARY SCIENCES

In these videos and interactives from NASA, catalogued and adapted by WGBH, explore the exciting discoveries from NASA missions about the planets, moons, and other objects in our solar system.

<http://ny.pbslearningmedia.org/collection/npls/>

WXXI