



PBS LearningMedia™

PBS LearningMedia | New York

A service of New York's Public Television Stations



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

<http://ny.pbslearningmedia.org>

Makers Collections:

The logo for 'DESIGNsquad Nation' features the word 'DESIGN' in white on a green background, 'squad' in white on a light green background, and 'Nation' in white on an orange background, all set against a purple textured background.

The goal of Design Squad is to give students a stronger understanding of the design process, and the connection between engineering and the things we all use in everyday life. The results of engineering are all around us: from cars to cameras and everything in between.

<http://ny.pbslearningmedia.org/collection/design-squad/>

The 'ZOOM' logo is rendered in a stylized, bubbly font with orange and yellow stripes, set against a black background with blue circles.

ZOOM is packed with fun and engaging activities for students to do independently or as part of a group. Using a multidisciplinary, content-based format, these resources teach children how to take an active approach to learning—to ask questions, create, experiment, and have fun!

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

The title 'MAKING STUFF' is in large orange letters. A photo of David Pogue is integrated into the letter 'I' of 'STUFF'. To the right, 'WITH DAVID POGUE' is in a blue box, 'NOVA' is in blue, and the PBS logo is at the bottom right.

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.

The logo for 'PEEP and the Big Wide World' features the word 'PEEP' in large blue letters, with 'and the Big Wide World' in smaller blue letters below it, all inside a white oval.

PEEP and the Big Wide World®, the animated Emmy Award–winning series that teaches science and math to an early childhood audience, offers professional development videos hosted by family child care educators and center-based educators.

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

WXXI



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/>



This collection is designed to support the Maker Party by providing a one-stop shop of STEM and digital making resources that focus on the problem, technology, or process behind object creation. Teachers can use the collection, which is categorized into design, how to (DIY), arts and crafts, robotics, and engineering subtopics, in conjunction with hands-on activities to further this initiative.

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



STEM ALIVE is a series of educator training videos focused on STEM topics. Based on the teacher-tested, learner-centered RAFT Idea Sheets, each video invites educators to explore a new STEM-based hands-on activity guaranteed to spark student interest and motivate further scientific inquiry.

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



What does innovation look like, and how can one generate innovative ideas in the classroom? This collection is built around "design thinking" and is intended to help educators and learners explore the invention of real, practical solutions to some of the world's most pressing problems.

<http://ny.pbslearningmedia.org/collection/from-idea-to-solution-the-design-process/>

VISUAL arts TOOLKIT



Videos in the Visual Arts Toolkit collection explore the elements of art and the principles of design as well as the design process from the planning stages to final creation. Through demonstrations and artist interviews, the collection represents a wide variety of cultures and artwork in a range of media.

<http://ny.pbslearningmedia.org/collection/visual-arts-toolkit/>

