



Science & Technology Resources from PBS

Grades PreK-2

Curious George

<http://pbskids.org/curiousgeorge/>

This Web site for the Curious George PBS television series offers early childhood educators the opportunity to extend the learning of the on-air episodes. Online video, educational games, a teacher's guide and activities reinforce early learning concepts in math, science and engineering.

It's a Big Big World

<http://pbskids.org/bigbigworld/home.html>

Developed to help preschoolers learn about earth and life science, this Web site for the PBS series It's a Big, Big World offers an immersive experience that introduces young children to characters who are excited about science, who look for answers to the scientific puzzles they encounter, and who follow the steps and methods of scientific investigation. Early childhood educators will find activities for the classroom and engaging online games that explore science, geography, math and music.

Sid the Science Kid

<http://pbskids.org/sid/>

Sid the Science Kid is designed to further develop children's natural wonder and build a strong foundation for early science exploration through engaging episodes and online resources that explore topics such as tools & measurement, transformation & change, the senses, simple machines, and backyard science.

Grades 3-5

Cyberchase

<http://pbskids.org/cyberchase/>

This award-winning series features exciting adventures that teach core math and science concepts. The Super Cyberchase Science theme page highlights resources that promote math and science connections, and The Inventor's Workshop game introduces students to basic principles of physics and engineering.

Dragonfly TV

<http://pbskids.org/dragonflytv/>

This program provides children with opportunities to explore science and to share the excitement of scientific discovery. The Web site includes a wealth of science-related games, activities, and streaming video.

EekoWorld

<http://pbskids.org/EEKOWORLD/>

This site teaches children about environmental science and includes two immersive interactive games as well as lesson plans for grades K-4.

Fetch! with Ruff Ruffman

<http://pbskids.org/fetch/>

This reality series for kids presents a variety of challenges that participants must solve collaboratively using their science know-how. The site offers fun games and activities that test and expand users' science knowledge.

Kratts' Creatures

<http://pbskids.org/krattscreatures/>

Students can go on a virtual creature adventure to explore wildlife and habitats in an immersive online "world."

ZOOM

<http://pbskids.org/zoom>

This program and site promote activity-based learning about science and engineering. The site offers a wide variety of games and activities to enhance children's knowledge and enthusiasm about science.

Grades 6-12

Design Squad

<http://pbskids.org/designsquad/>

This program, designed specifically for teens, use a reality competition format to build excitement about engineering. The Web site includes hands-on activity ideas, an educator's guide, interactives and video.

Nature

<http://www.pbs.org/wnet/nature/>

This site contains a wide variety of teacher's guides, lesson plans, interactive activities, video clips and more to help teachers and students explore the wonders of the natural world.

NOVA

<http://www.pbs.org/wgbh/nova/>

NOVA is the highest rated science series on television and the most watched documentary series on public television. It is also one of television's most acclaimed series, having won every major television award, most of them many times over. The Web site offers an extensive collection of teacher's guides with viewing ideas and classroom activities, interactives and related resources. Teachers can also sign up to receive a weekly e-mail reminding you of upcoming NOVA programs and related NOVA Web resources.

NOVA scienceNOW

<http://www.pbs.org/wgbh/nova/sciencenow/>

For this series, the producers of NOVA have teamed up with astrophysicist Neil deGrasse Tyson to cover the timeliest developments and intriguing personalities in science and technology today. Each episode presents multiple stories in a magazine format. On the Web, you'll find streaming video segments and teacher's guides with program overviews, viewing ideas, and classroom activities.

Secrets of the Dead

<http://www.pbs.org/wnet/secrets/>

This program and site introduce students to topics in chemistry, forensics, physical sciences and life sciences through the investigation of age-old mysteries. Many of the lesson plans are enhanced with streaming video and interactives.

Wired Science

<http://www.pbs.org/kcet/wiredscience/education/>

This program offers teachers and students a chance to delve into cutting-edge topics in science and technology. The Web site suggestions from teachers for using clips from the show in the classroom, profiles of exceptional science teachers and students, and a Careers in Science section.

Visit www.pbs.org/teachers for many more on-air and online resources!