

Resource Name and Link	Level	Youngest Grade	Oldest Grade	Subject	Description
Adler Planetarium, Chicago	Elementary, Middle, High	K	12	Science	Scroll down to see virtual exhibits, science at home and join in their Zooniverse to take part in real scientific research.
American Museum of Natural History	Elementary, Middle, High	K	12	Science, Language Arts, Social Studies	Manhattan's American Museum of Natural History is dedicated to presenting an overview of our world's natural history.
Bill Nye The Science Guy	Elementary, Middle	K	8	Science	All the episodes of Bill Nye The Science Guy, with additional information
Bill Nye The Science Guy Home Demos	Elementary, Middle	K	8	Science	Science Experiments to do at home.
College Board: AP Exam YouTube Channel	High	9	12	AP Exams	AP Online Classes and Review Sessions.
Crash Course Kids	Elementary	5	5	Science	Crash Course Kids is a new channel from eh creators of Crash Course. They have started with 5th grade Science, but will add more subjects as the channel grows. New videos are posted every Tuesday and Thursday.
CreositySpace	Elementary	K	5	Science	CreositySpace is an NGSS/NYSSLS K-5 curriculum* that offers a unique and engaging way to "hook" elementary students on STEM through entrepreneurship.
EBSCO Databases (APS) History Resources	High	9	12	Science, Language Arts, Social Studies	Full text research databases on history for grades 9-12.
Education World- Science Machine Archive	Elementary, Middle, High	PreK	12	Science	Looking for ways to keep kids excited about science? Here in The Science Machine you will find links to online resources that will help you teach and reinforce important science skills.
Gale in Context: Middle School	Middle	6	8	Science, Language Arts, Social Studies	An indispensable reference resource for grades 6-12 national and state curriculum standards. Use password usaf if prompted

Gale in Context: Science	Middle, High	6	12	Science	Gale In Context: Science is an engaging online resource that provides in-depth contextual information on hundreds of today's most significant science topics. By integrating authoritative reference content with experiments, projects, interactive simulations, videos, and images, students see how real-world issues relate to scientific disciplines across the curriculum. Use password usaf if prompted
Gale National Geographic Kids	Elementary, Middle	K	8	Science, Language Arts, Social Studies	Strategically tailored to meet the learning and educational interests of children, with special focus placed upon science, exploring nature, learning about different cultures, and archaeology and space. Use password usaf if prompted.
Gale OnFile: High School Edition	Middle, High	6	12	Science, Language Arts, Social Studies	Multi-curricular research database covering all core subjects from Science to Literature to History Password: cactus
Gale Online Resources	High	9	Adults	Science, Language Arts, Social Studies	Access books, journals, magazines, newspapers, primary sources, videos, podcasts, tutorials, with frequent new content updates.
Gale Presents: National Geographic Virtual Library	Middle, High	6	Adults	Science, Language Arts, Social Studies	Explore the latest in science, history, technology, environmental issues, cultures, and many other research interests. Gale Presents: National Geographic Virtual Library offers complete coverage from 1888 to present.
Georgia Aquarium	Elementary, Middle	K	12	Science	What better way to continue your education and keep kids' curiosity piqued than to adventure with Georgia Aquarium from afar?
Jet Propulsion Labs	Elementary, Middle, High	K	12	Science	Visit space at home, take a virtual tour, see pictures, and read news at JPL
MOS at home (Museum of Science in Boston)	Elementary, Middle, High	K	Adults	Science	Science never stops. And neither does the Museum of Science! Here's a collection of STEM resources designed to bring the Museum — to you! Includes Daily Live Stream, STEM beyond school, virtual exhibits and more.
Mystery Science	Elementary	K	5	Science	Science lessons
NASA Kids Club	Elementary	K	5	Science	NASA Kids' Club - a place to play games and learn about NASA!

NASA STEM Engagement	Elementary, Middle, High	K	Adults	Science	Various topics, galleries, TV, downloads and activities to do at home
National Geographic Kids	Elementary	K	8	Science, Language Arts, Social Studies	A fantastic resource for students to explore their interests and follow their curiosity. The site introduces the diversity of life on Earth: Encourages students to learn about new animals, watch the science and geography series, and explore the interactive world map.
National Park Service Virtual Tours	Elementary, Middle, High	PreK	Adults	Science	Scroll to middle of the webpage to find Virtual Tours & Programs . Webpage also includes Webcams, Multimedia Gallery, Kids Activities and Games & Challenges.
PBS Kids	Elementary	PreK	2	Science, Language Arts, Social Studies	Videos and games
PBS Zoom Learning	Elementary, Middle, High	PreK	12	Science	Fun and engaging science activities for students to do independently or as part of a group. Using a multidisciplinary, content-based format, these resource teach children how to take an active approach to learning-to ask questions, create, experiment, and have fun.
PHET Interactives	Middle, High	6	12	Science	Interactive science and math simulations
San Diego Zoo Live Cams	Elementary, Middle, High	PreK	Adults	Science	Live streaming of zoo animals
Sandia National Labs	High	9	12	Science	Virtual Tours of Sandia National Labs
Sci Girls	Elementary, Middle	2	8	Science	Programs that draws on cutting-edge research about what engages girls in Science, Technology, Engineering and Math (STEM) learning and careers
Science Journal for Kids and Teens	Middle, High	6	12	Science	Hundreds of scientific articles. Written for kids. Approved by scientists.
ScienceFlix	Middle, High	4	10	Science	Science for the Next Generation!
SciShow Kids	Elementary	K	5	Science	Science concepts for young minds

TrueFlix	Elementary	3	5	Science, Language Arts, Social Studies	Bringing award-winning True Books to Life to help students master Social Studies and Science content knowledge through literacy
--------------------------	------------	---	---	--	---

eResources Disclaimer

The appearance of hyperlinks does not constitute endorsement by AF Libraries, the United States Air Force, or the Department of Defense of any eResources, or the information, products or services contained therein. For other than authorized activities such as military exchanges and Morale, Welfare and Recreation (MWR) sites, the United States Air Force does not exercise any editorial control over the information you may find at these locations. Such links provided are consistent with the stated purpose of the webpage.