SCIENCE

Science must be taught every year. There are many ways to address this requirement and you may find the following resources helpful.

CORNELL CMR

HTTPS://WWW.CCMR.CORNELL.EDU/EDUCATION/REMOTE-LEARNING-RESOURCES/

On our site you will find information on the wide range of educational programs presented by our scientists and engineers to K-12 teachers, students, and the community at large.

Explore our lending library of experiments, activity videos, activity lessons, and lesson plans.

NASA AT HOME

HTTPS://WWW.NASA.GOV/NASA-AT-HOME-FOR-KIDS-AND-FAMILIES

Videos, lessons, podcasts, virtual tours, and eBooks created and provided by NASA to encourage STEM exploration at home.

The site links to the NASA STEM engagement program, the NASA Kid's Club, and the main NASA website where you can find current space programs as well as interactive learning tools.

NY HALL OF SCIENCE

HTTPS://NYSCI.ORG/HOME/NYSCI-HOME-RESOURCES/

NYSCI is a science and technology center that has over 450 exhibits, events, and workshops for all ages.

While the museum is closed, check out our original digital resources for science learning at home.

PBS SCIENCE

HTTPS://NY.PBSLEARNINGMEDIA.ORG/SUBJECTS/SCIENCE/

Interactive lessons, videos, audio programs, image galleries, and lesson plans covering kindergarten through early college level science.

Special collections address Earth & Space, Life Science, Physical Science, Instrumentation & Measurement, and Science Fundamentals.

LIBRARY RESOURCES

ANR 500 Geisen
Everything you need to ace science in one big fat notebook

502 Cavalier
The field guide to citizen science

The Basher Science Series (search the library catalog for the following titles):

- Astronomy: out of this world
- Biology: life as we know it!
- Chemistry: getting a big reaction
- Climate Change: a hot topic
- Complete Periodic Table: more elements with style
- Engineering: the riveting world of buildings and machines
- Extreme Physics: take a quantum leap...to the edge of science
- Human body: a book with guts!
- Microbiology: it's a small world!
- Oceans: making waves!
- Physics: why science matters
- Planet Earth: what planet are you on
- Rocks and Minerals: a gem of a book
- STEM junior Engineering
- STEM junior Science
- STEm junior Technology
- Technology: a byte-size world!

DIGITAL RESOURCES

National Museum of Natural History; Smithsonian Online
https://naturalhistory.si.edu/education/distance-learning
Free, interactive, webcasts introduce science concepts and practices.

Because Science (video series)
https://www.youtube.com/becausescience
Nerdist Science Editor Kyle Hill uses math and science concepts to solve, measure, and make sense of pop culture quandaries.

Crash Course (video series)
https://www.youtube.com/user/crashcourse/playlists
Crash Course provides fast-paced and engaging video lessons on a variety of academic subjects, including k-12 science.