

Recommended STEM Websites for Educators, Students, & Families (STEM activities, lesson plans, videos, and other learning resources)

1. [All Engineering Resources](#), with NSTA
2. [Crash Course playlists](#) (many topics beyond science)
3. [eGFI - For Teachers](#) Meet different types of engineers, high school lesson plans, scholarships, student blog
4. [Exploratorium Science Activities](#) for school and home
5. Google Earth lesson plans.
 - a. [Google Earth Voyager](#) themed units in Nature, games, layers, street view, culture, travel, education
 - b. Blog: [How to use Google Earth for teaching](#)
6. [Indigeneity Curriculum](#), Bioneers. Water, climate, ecosystems and border walls, 3 sisters planting, Standing Rock through Indigenous ways and lens.
7. [Myth Busters](#), video clips
8. [Myth Busters Jr. YouTube Duct Tape](#) (free first episode, others \$1.99/episode)
9. [NASA STEM Resources for K-12 Educators](#)
10. [Nature Lab Educator Resources](#), The Nature Conservancy. Videos with lesson guides
11. [NGSS@NSTA Hub](#) classroom resources
12. [PBS Kids Global Design Squad](#). “Watch, Design, Build, Play” games with easy to find materials
13. [PBS Teachers | STEM Education Resource Center](#)
14. [PhET Interactive Simulations](#) of science concepts
15. [Science Buddies teacher resources](#)
16. Steve Spangler Science
 - [Experiment Library](#), videos of and lesson plans for experiments
 - [Steve Spangler SICK Science](#), YouTube Channel with videos of experiments
17. [Spark101](#). “Free 10 minute classroom videos engage students in authentic STEM problem solving”
18. [Teach Engineering](#), STEM curriculum for K-12
19. Ted Ed. <https://ed.ted.com/>
 - Lessons: https://ed.ted.com/lessons?direction=desc&sort=featured-position&user_by_click=educator
 - Video collections <https://ed.ted.com/series>
 - Earth School Quests <https://ed.ted.com/earth-school> “30 adventures – or Quests – that will help you understand and celebrate our natural world, while learning about how dependent we are on our planet”
 - [Try Engineering](#), Lesson plans for teachers, lessons for students
20. [Try Engineering](#), Lesson plans for teachers, lessons for students
21. *(This can get you started. There are many more!)*