

STEM Resources

Pre-K – Kindergarten

The years prior to elementary school are critical in the development of creativity and methods of investigating the world. At this age, kids are hungry for information and learn best through constructive play where STEM concepts are discovered through exposure to design and through experimentation. The following are recommended to increase student's exposure to STEM skills.

Recommended Websites

PBSkids.org The ultimate STEM website for kids! Students can try out engineering with Design Squad challenges, use math to save the world in Cyberchase, protect the planet with The Greens, and conduct science experiments with Zoom.

BillNye.com Watch amazing videos and print out educational resources for fun science experiments to do!

Youtube.com Check out the great videos for science and engineering experiments you can do at home! Recommended channels – Sick Science, Minute Physics, Minute Earth, and Brusspup.

BrainPOP.com Educational animated movies to help explain concepts and to demystify math, science, health, technology, and English topics in an entertaining way.

Scholastic.com/magicschoolbus Based on the popular book and TV series, this website includes engaging games and activities.

Awesome Apps

Monkey Math School Sunshine

A Bee Sees

Preschool Dino Does Math

Phonics Animals

Britannica Kids

LEGO Juniors Create & Cruise

Shout Science!

FUN TOYS

Robot Turtles

Tegu toys

Leap Frog Leap Pad

Legos

Primary Science Mix and Measure Set