What is a STEM kit?

Juvenile STEM Kits

Our kits are designed to provide hands-on interaction and creative learning with STEM concepts while complementing Anchorage School District's science curriculum standards.

Two kits per household, please.

Kits circulate for **three weeks** and are eligible for renewals, as item demand allows. Items can be picked up from the Youth Services desk at Loussac Library or placed on hold for pick-up at any APL location. Please keep in mind, **kits must be returned to a desk inside an APL location.**

The initial kits were made possible by a grant from the Space Science Institute. If you would like to sponsor a future kit topic, please contact the Youth Services Coordinator at (907) 343-2840 or APLYouth@muni.org.

Did you enjoy this kit? We'd love to see how you used it! Tag us on social media and let us know! **#APLStem**

Facebook & Instagram: @anchoragelibrary

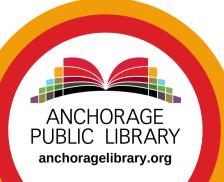
Each kit focuses on a theme and contains:

- explorative item(s)
- discovery sheets, and
- non-fiction books



Help cultivate a love for science, technology, engineering, and mathematics at home—check out one of our STEM kits today!









<u>heme</u>	Recommended Age		<u>Theme</u>
ska Birds & Animals	5 to 12		Geometry 3D Shapes
laska Plants and Bugs	5 to 12		GPS & Maps
natomy	6 to 12		Light Waves
nimal Cell Biology	8 to 12		Magnets
stronomy Binoculars	6 to 12		Marble Run
stronomy Telescope	6 to 12		Math Games
ridges	8 to 12		Math Games Addition & Subtraction
atapults	8 to 12		Math Games Multiplication & Division
hain Reactions	4 to 8		Math Manipulatives
hicken Anatomy	8 to 12		Measurement
ircuits 1	8 to 12		Money Skills
ircuits 2	8 to 12		Plant Cell Biology
ircuits 3	8 to 12		Playground Engineering & Design
oding for Preschoolers	3 to 6		Probability
oding 1	4 to 7	l	Robotic Arms
oding 2	5 to 10		Robotic Pets
			Simple Machines for Early Elementary
oding 3	8 to 12		Simple Machines: Gears
ounting and Sorting	3 to 6		Simple Machines: Levers & Pulleys
ounting Cubes	4 to 7		Simple Machines: Wheels, Axles, and Inclined Planes
ino Robot	8 to 12		Snow Science
inosaur Anatomy: T-Rex	6 to 12		Solar Energy
lectricity & Magnetism	8 to 12		Straw Building
orces and Motion	4 to 8		Structures
ossil Excavation	5 to 12		Tangrams
ears	4 to 9		Telling Time
ecko Robot	8 to 12		Tiger Anatomy
eology Rocks	4 to 10		Wind & Water Energy
eometry 2D Shapes	5 to 10		Wind Powered Generators