

# Aerospace & STEM Education Resources

Available Through CAP's Aerospace Education Membership

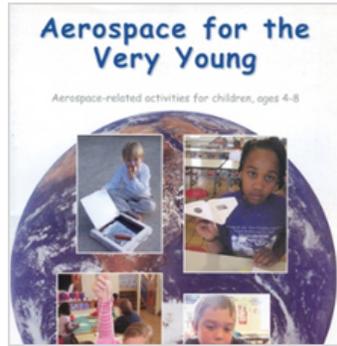
Unleash your students' potential in aerospace and STEM! Discover experiential learning activities, videos, and instructional tools that build critical thinking skills. From Pre-K to college, we've got you covered.



## Sphero Indi STEM Kit

Spark computational thinking! Build mazes, solve puzzles, and learn coding basics with this kit.

Ages 4+



## AE for the Very Young

Experiment and think like a scientist as curious minds explore the world around them.

Ages 4+



## ACE K-6 Program

Empowers K-6 teachers to inspire future leaders through STEM, character development, and fitness.

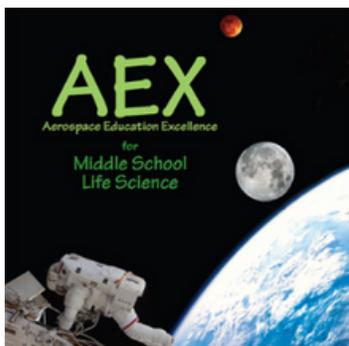
Ages 5+



## Cams & Cranks STEM Kit

Master the mechanics of motion with cams and cranks! Discover how these hidden powerhouses drive countless machines.

Ages 8+



## AEX for Middle School

Explore Earth, Space, and Life Science (and more!) with the STEM-focused learning activities in AEX.

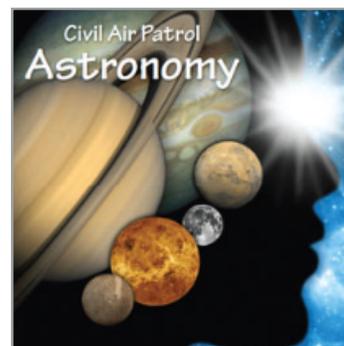
Ages 8+



## Weather Station STEM Kit

Become a weather expert! Measure rainfall, wind speed, barometric pressure, and more— then track conditions over time.

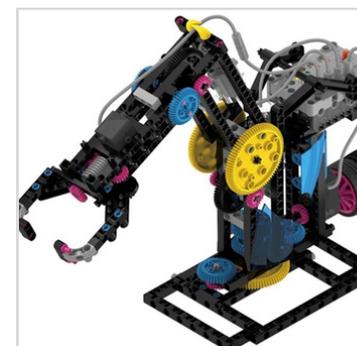
Ages 8+



## Astronomy

Learn telescope basics as you explore the night sky with guided activities!

Ages 8+



## Robotics STEM Kit

Build, program, and unleash your robotic creations! Transform hundreds of parts into functional robots.

Ages 10+



**Snaptricity STEM Kit**

Discover the electrifying world of electricity and magnetism with over 75 exciting projects!

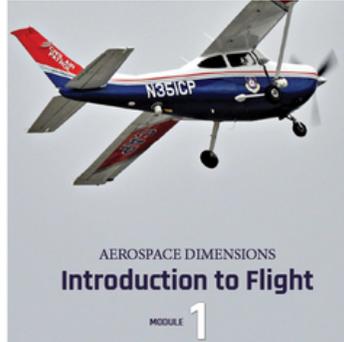
Ages 10+



**Flight Simulator STEM Kit**

Elevate your aviation career, gain hands-on experience, and explore flight planning!

Ages 12+



**Aerospace Dimensions**

A core component of CAP's AE program, this 7-module resource introduces learners to fundamental concepts of aviation and space.

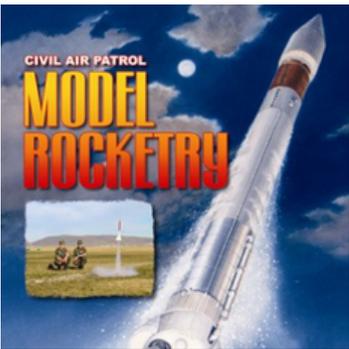
Ages 12+



**Lost in Space STEM Kit**

Use programming and wiring skills to recover a spaceship that has crash landed on a foreign planet in this exciting kit.

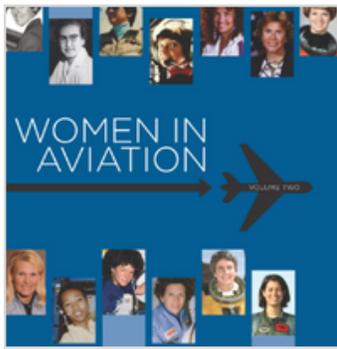
Ages 12+



**Rocketry**

CAP's Model Rocketry Program offers a progressive path from beginner to advanced skills.

Ages 12+



**Women in Aviation**

This 2-volume book explores the contributions of women aviators to the aerospace field.

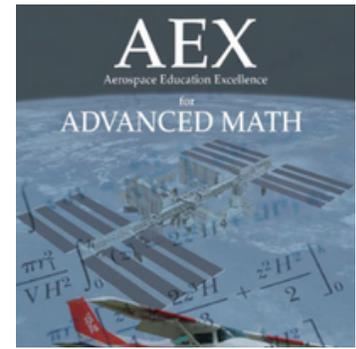
Ages 12+



**Journey of Flight**

An in-depth exploration of aviation and space, covering topics from the history of flight to modern aerospace technology.

Ages 14+



**AEX Advanced Math**

Discover how math takes flight as you explore both right and non-right triangles in the context of aviation.

Ages 15+

**JOIN AEM**



**STEM KITS**

