



# Soar Into STEM Education

WITH A CAP AEROSPACE EDUCATION MEMBERSHIP

## TEACH

... ordinary subjects in extraordinary ways by becoming an aerospace education member of [Civil Air Patrol](#), the auxiliary of the U.S. Air Force. CAP's educator members are helping prepare the aerospace and STEM workforce of the future.

## ENRICH

... academics, physical fitness, and character education through CAP's **FREE** STEM-centered programs including the [K-12 STEM Kit Program](#), [K-12 Aerospace Education Excellence \(AEX\) Program](#), [K-6 Aerospace Connections in Education \(ACE\) Program](#), and the [5-8 ACE Plus Program](#).

## ENGAGE

... youth in captivating lessons and activities using a variety of more than **40 national standards-aligned** educational materials. CAP's free resources are available both online and in print to adapt to multiple teaching and learning styles and provide an abundance of STEM resources.

## FLY

... on a [FREE Teacher Orientation Program \(TOP\) Flight](#) in Civil Air Patrol aircraft at your local airport. Livestream, record video, or take photographs to bring your aviation adventure and STEM connections back to your classroom.

## JOIN

... as an aerospace education member! CAP offers this special membership for K-12 formal and informal U.S. citizen educators in classrooms, home schools, museums, libraries, or other youth organizations. A **one-time \$35 membership fee** brings **FREE** educator products, programs, and STEM resources to your students year after year.



# STEM KITS

Civil Air Patrol's Aerospace Education STEM Kit program provides STEM resources for experiential, inquiry-based learning. STEM Kits are available **FREE OF CHARGE** to aerospace education members for instructional use. The introductory kits are categorized in the areas of [aviation](#), [space](#), and [cyber](#) and are designed to enhance instruction and youth programs.

## Curious about the STEM Kits aerospace education members have access to?

Take a look below at some of what we offer and scan the QR Code to learn more!



**Rocketry** Ignite a passion for science! With CAP's Rocketry STEM Kit, students build, launch, and learn about the wonders of space exploration and the propulsion needed for movement in micro-gravity environments.

**Astronomy** Become a stargazer! CAP's Astronomy STEM Kit includes a telescope, lessons, and the resources you need to help students unlock the wonders of the night sky.

**Quadcopter** Take flight with CAP's Indoor Quadcopter STEM Kit! Learn aerodynamics, control the skies, and unlock the future of drones.

**Sphero BOLT** Roll into coding fun! Build your future with CAP's Sphero BOLT STEM Kit, the interactive robot that teaches programming and problem-solving.

JOIN AEM



STEM KITS



Questions? Contact us at [ae@capnhq.gov](mailto:ae@capnhq.gov)