CIVIL AIR PATROL

Aerospace Education's ACE

K-6 STEM program

The free *Aerospace Connections in Education (ACE)* program is a fun, interactive aerospace/STEM program for CAP educator members who teach grades K-6. ACE is designed to engage and inspire early-aged youth toward an interest in aviation, space, and other STEM-related careers.

Quick Points

1. The free online curriculum guides are grade-level specific with 21+ lessons per guide and aligned with NGSS and other national academic standards.
2. Each ACE teacher receives free educational manipulatives for each student participant.
3. End-of-program ACE national award grants and certificates for all participants are provided by ACE program supporter, the AFA (Air Force Association).
5. Ask about adding gr 7 & 8 in a K-8 school or a 6-8 middle school.

Aerospace

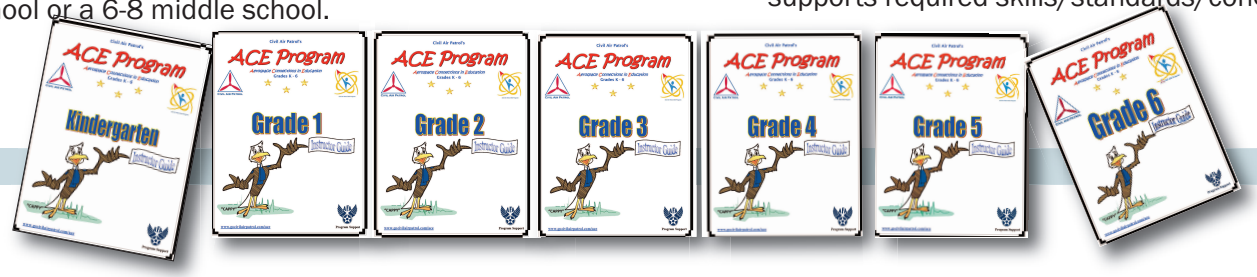
The ACE program introduces young learners to air and space flight and the related reading, art, history, geography, and STEM concepts involved. Students are each given a grade-appropriate educational tool to learn about and apply the principles of aerodynamics via easy-to-teach lessons, sometimes taught by CAP volunteers!

Connections

Using the aerospace theme, the ACE program integrates 3 important educational components: *academics, character ed, and physical fitness.* In this cross-curricular program, students can connect content skills with real-life applications and positive adult and teen CAP role models.

in Education

Since 2008, ACE has reached over 350,000 students in every state, and has seen stellar student-centered results! Teachers report a 27% increase in science test scores and that ACE supports required skills/standards/concepts.



Register YOUR students as ACE students beginning Aug 1st each year!

Questions?
Contact ace@capnhq.gov

ACE Aerospace Connections in Education

K-6 STEM program

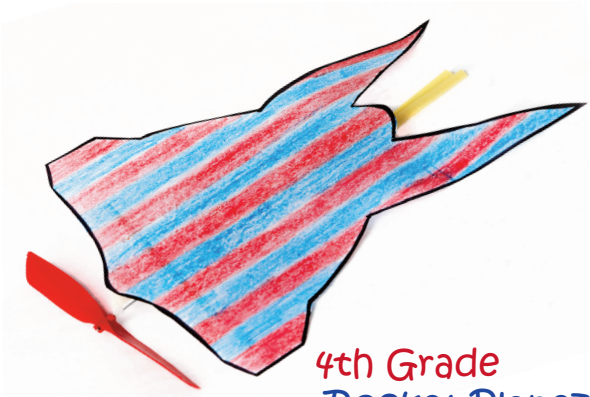
Each ACE teacher receives a free class set of grade-specific aerospace educational items. Each ACE student gets one of these fun and engaging items to bring the study of space and flight to life!

Kindergarten
Earth balls

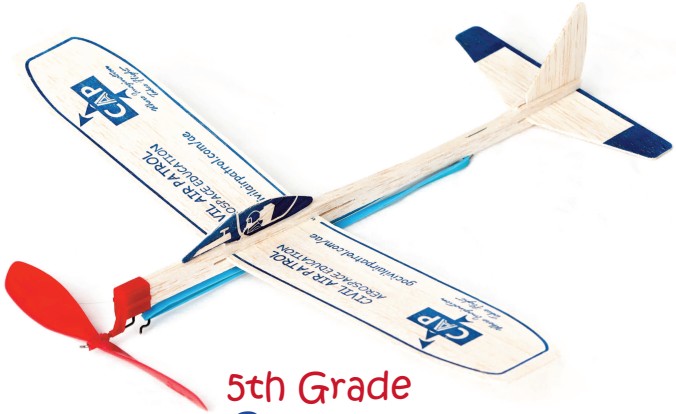
1st Grade
Balsa gliders

2nd Grade
Finger rockets

3rd Grade
Foam gliders



4th Grade
Rocket Planez™



5th Grade
Balsa planes
(powered by rubber bands)

6th Grade
Mini-rocket
footballs

GoCivilAirPatrol.com/ace

Program Sponsor:
Air Force Association

Questions?
Contact ace@capnhq.gov