



# Civil Air Patrol's ACE Program

## Aerospace Connections in Education



### What is the ACE (Aerospace Connections in Education) Program?

The ACE Program is an aerospace education program for elementary teachers (K-6) who are aerospace education members (AEMs) of the Civil Air Patrol (CAP). This program is designed for schools/teachers to implement during the school day. ACE provides engaging and meaningful cross-curricular aerospace lessons that support science, technology, engineering, and math (STEM) initiatives and enrich the school curricula. Additionally, many lessons promote good character and physical fitness. We believe this program will help foster good-natured and healthy citizens who will develop an interest in and appreciation for aerospace as we seek to inspire the aerospace workforce of the next generation.

### What FREE materials do I receive if I participate in the ACE Program?

- A book of aerospace-themed lessons specifically for your grade-level (Lessons are divided into subjects and are correlated to national academic standards.)
- A classroom set of aerospace items that relate to one of the lessons for your grade level
- ACE T-shirts for your class
- A classroom set of ACE student certificates upon successful ACE Program completion
- An ACE teacher plaque upon successful ACE Program completion

### What are the requirements if I participate in this program?

- Have current membership in the Civil Air Patrol as an AEM or Senior Member
- Be a teacher in an elementary school setting (homeschools included)
- Register to participate
- Teach a minimum of 12 ACE Program lessons to your class
- Submit completion form (includes evaluation of the program)

### How long does it take to teach each lesson?

The lessons are designed to be 30-60 minutes in length. We encourage teachers to adapt the lessons as necessary for their unique schedules, resources, and students. There are additional activity ideas provided for each lesson to enrich and extend each lesson.

### How do I evaluate my students?

Many lessons include student worksheets. Lesson evaluation methods are listed in each lesson. A comprehensive pre and post test is available.

### May I invite others to teach some of the lessons in my class?

The lessons are written in an easy to understand, step-by-step format. We encourage teachers to invite parents, community leaders, as well as other employees of the school such as the counselor, PE teacher, secretary, custodian, etc. to share a lesson with students. Consider inviting Civil Air Patrol and/or Air Force Association (AFA) representatives to teach a lesson in your classroom. What a great way to involve parents and other community members in the educational system!

### What is the cost of this program?

The lessons are designed to use inexpensive, easy to acquire materials, such as construction paper, glue, balloons, straws, etc. Costs, therefore, are minimal.

### How do I register to participate in this program for the 2009-2010 school year?

Beginning April 20, click the "ACE" page on CAP's website at <http://www.capmembers.com/ae> to make reservations to participate. If all of the students at your elementary school will participate, please only have the principal or one designated person from your school submit a reservation for your entire school! If your entire school is not participating, you should make a reservation for yourself. Reservations will be accepted on a first come, first served basis as CAP will be able to support a maximum of 7,000 students for the 2009-2010 school year. Email [ace@capnhq.gov](mailto:ace@capnhq.gov) if you have any questions.