

Questions As To Why And How Aerospace
Education Will Benefit My Teaching With
Answers From A Master Teacher

WHY SHOULD I CONSIDER INCLUDING AVIATION/SPACE EDUCATION IN
MY CLASSROOM ?

Answer: Aerospace education is highly motivational as children are intrigued and challenged by the exciting achievements and discoveries being made in the fields of aviation and space.

Aerospace is on the forefront of science and technology which promotes excellence in math, science, creative and logical thinking skills along with an emphasis on teamwork in problem solving.

Aerospace offers many learning opportunities leading to a very broad exposure to career exploration.

WHAT IF I DON'T HAVE A BACKGROUND IN AVIATION/SPACE OR EVEN IN SCIENCE
OR MATHEMATICS ?

Answer: You may already be teaching compatible subject areas in which aerospace concepts can be easily be incorporated such as:

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|--------------|-----------------------|
| ◦ Spelling | ◦ Current Events |
| ◦ Geography | ◦ Planets and Stars |
| ◦ Art Work | ◦ Literature |
| ◦ Inventions | ◦ Earth Conservation |
| ◦ Explorers | ◦ Measurements |
| ◦ History | ◦ Scientific Concepts |
| ◦ Weather | ◦ Problem Solving |

Remember....many of your students may already be aware and focused upon aviation/space events.

By using simulations and group problem solving, the students can acquire leadership skills.

WHERE DO I BEGIN, HOW DO I START ?

Answer: Look in the library if they have any materials about aerospace. Search through teaching files and isolate activities related to aerospace topics.

Ask for help! Other teachers, the local aero club, locate someone who is involved with aviation, Internet contacts, weather station or even the military. Use creative approaches to anyone who might have some understanding of aviation/space activities and can refer you to other sources.

Don't be timid to learn with the students as they research information on aerospace topics and projects. You may know more already than you think!

ARE THERE RESOURCES AVAILABLE TO ASSIST ME.

Answer: Yes....The Federation Aeronautique Internationale has an Education Commission which has representation from many countries. Many of these have developed teaching materials which they are willing to share.

Your country's Aero Club is a member of the FAI and can request information for you. Such a request should be quite specific as to what level of students you have and what specific emphasis you are placing on your proposed classroom activity. (That is: science, social studies, economics, careers, etc.)