Many schools have sponsored an aviation or aerospace education clubs which provides the opportunity on an extracurricular basis for students to learn about the aviation/space world.

With adult leadership, their activities include academic as well as field trips and orientation flights.

A typical club might have a program as follows during the school year:

**September:** Organization of the club and identify student leadership

Discussion: The nomenclature of an aircraft & what are the basics of flight

Construction of paper gliders and fly

Various types of aircraft & how they are used

History of aviation

Possible orientation flight at airport

**October:** More in depth discussion of the various aircraft and how they achieve flight

Introduction to model building

A visit to the airport

Evaluation of completed models

**November:** Study the nature of the atmosphere and how weather effects aviation

Weather forecasting & the instruments used

Group construction of a weather map

The concept of instrument flight

**December:** Review of geographic concepts

The types of maps and charts

Types of navigation used

Have a pilot discuss both flying and navigation

**January:** Discuss airways and world routes

Types of airfields used

Air traffic control and pilot communications

Airfield facilities and their function

**February:** Overview of careers in aviation/space activities

Students assigned in groups to study categories of careers, education required and nature of work preformed

Reports given by each group for discussion

**March:** Focus upon official agencies that regulate aviation, and various organizations involved in aviation/space activities

Explore the several forms of sport flying

Visit to an aero club flying activity

Assign students a creative project which could be a collection of stories about aviators and flying, design posters, compose a poem, construct a flying model, etc.

**April:** Study the history of space flight

Make a list of major space projects and the significance of each

Discuss rockets and how they work

Discuss what benefits have come about as a result of the various countries space programs

**May:** Evaluate the creative project results

Prepare a school program with a display of projects

Review the year's accomplishments