

THE COMMUNITY AND IT'S AIRPORT

This unit is educate students (9 to 12 Years) about their local airport and it's impact on community economics and services.

Airports mean much more than airplanes taking off and landing. Today's boys and girls can find many areas of interest to study all centered around an airport and its relationship to their community. Among the pertinent topics are:

- . Basic map skills and the study of terrain
- . Community development and related transportation systems
- . Factors for determining airport locations
- . Airports and their facilities
- . Civic concerns involving zoning regulations and tax use
- . Environmental concerns
- . Careers related to aviation
- . Benefits an airport can bring to a community

Instruct students in five sections of learning activities.

(The first four sections can be pursued independently. The fifth section is a summarizing and concluding section which is based upon all the instruction in the previous four sections.)

The five sections are:

1. Here is our community.

Where is the airport?
How did it get started?
Who owns the airport?
How can we get there?
How transportation system link together?
2. What really goes on at an airport?

How facilities and services make a difference.
3. Choosing an airport location.
4. Careers in aviation.
5. Field observation of an airport.

There is a wide variety of pupil learning activities suggested in this kit. Some of the learning activities included will be helpful in developing the following skills:

- Working in small groups.
- Working independently on personally selected activities
- Role playing
- Critical thinking
- Developing map skills
- Writing good request letters
- Interviewing
- Preparing audio-visual materials

The pupil learning activity suggestions have been designed to enable teachers to help individual students, or small groups to pursue enriched study activities. Each section contains the essentials for a learning experience: a broad (general) objective, specific skill objectives, and specific content area objectives; activities to be completed; and examples of masters for reproduction.

THE COMMUNITY AND IT'S AIRPORT

THE AIRPORT IS VITAL TO THE NEEDS OF A COMMUNITY

SUGGESTED CONTENT

- A. Why are airports usually out away from town?
- B. What different parts does an airport have?
 1. Runways and taxi ways.
 2. Ramps.
 3. Terminal buildings and hangars.
 4. Fuel storage area.
- C. Why do airplanes land and takeoff facing the wind?
- D. How does the airport serve the needs of the community?
 1. Travel
 2. Goods and services.
- E. Who owns the airport?
- F. Where do the airplanes come from that land there?
- G. How have airplanes helped open up isolated places such as jungles and the arctic region?
- H. What communities in your state are served by commercial airlines?

SOME SUGGESTED ACTIVITIES

- List reasons for airport locations. Discuss why advance planning is necessary for airport construction needs.
- On a visit to the airport, tour terminal building, airline facilities, flight services of FAA, an airplane service dealer who sells and maintains light plane, and teaches new pilots.
Make a model airport, or draw a mural of an airport showing all the important facilities.
- List as many of the goods and services that come into and go out of the local airport that the children can find. (Food, clothing, animals, mail, machinery, etc.)
- On a map, locate large airports of this country and the world. What opportunities for exchange of goods and culture are open to your city with other cities and countries?
- Find out how airports are necessary in countries that have no highways or railway travel. Study the history of Brazilia, in Brazil, and its dependence on airplanes.
- Ask a local minister to tell how airplanes help missionaries in underdeveloped countries.
- Write your State Aviation Department, State Capitol, for information about the number of cities in your state served by airlines, and total number of airports in the state.

SUGGESTED CORRELATIONS - MAP STUDY

- Large United States and world maps can be used to draw in world trade routes. Compare these with trade routes of fifty years ago.
- On air navigation charts (SAC and WAC) study map symbols that are significant to pilots, such as for airports, listing elevation, runway length, etc.
- From your city, trace direct routes to sources of goods such as flowers and fresh fruits, current fashions, zoo animals, etc.
- Compare air charts with road maps. How are they different in the kinds of information offered?

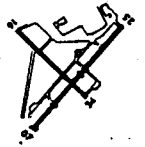
GUIDE FOR PLANNING THE AIRPORT FIELD TRIP

I. HOW TO BEGIN

- A. Secure approval from administration
- B. Contact the State Bureau of Aeronautics for a pamphlet, and if help is needed
- C. Contact the Airport Manager
- D. Make a preview trip
- E. Secure trip conductors
- F. Work out routes of travel to and from airport
- G. Secure parent's permission
- H. Arrange financing

I. PLANNING THE TRIP

- J. Ask students to help with planning
- K. Arouse interest
- L. Discuss facilities to be seen
- M. Make use of resource persons
- N. Prepare basic list of prior information
- O. Prepare schedule of activities
- P. Assign student committees

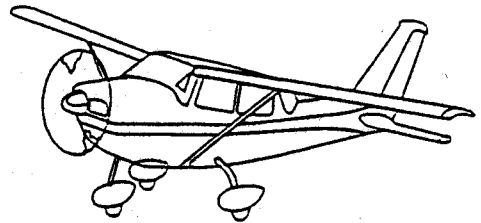


II. THE TRIP

- A. Use school buses
- B. Chaperones
- C. Break into groups

III. FACILITIES TO SEE

- A. Flight School
- B. Repair Shop
- C. Weather Bureau
- D. Flight Service Station
- E. Airline ticketing and reservations
- F. Control tower
- G. Military installations
- H. Inspect light aircraft
- I. Visit airliner



IV. THE FOLLOW THROUGH

- A. Committee reports
- B. Career information gained
- C. Make a model airport
- D. Build a model aircraft
- E. Make a tack board display
- F. Report to school

V. ADAPTATION