
WE CAN FLY, YOU AND I

INTERDISCIPLINARY LEARNING ACTIVITIES

Science

- Create a classroom model of an airport terminal.
- Collect and interpret weather maps from the local newspapers.
- Discuss what kinds of science would be important for pilots to study and understand. Why?
- Discuss why weather is an important factor for aircraft to fly safely.
- List and discuss environmental concerns when constructing a new airport in any community.

Mathematics

- Discuss what the numbers on a runway mean.
- If traveling to different times zones, determine what the local time will be when reaching the destination.
- Make a graph comparing the distances flown by the rotor motor, bag balloon, and delta wing glider.
- Determine how many years elapsed between different time line events.

Technology Education

- Discuss technology that contributes to airport safety.
- Discuss the importance of computers on aircraft and in airports.

Fine Arts

- Make a mobile using aviation as a theme.
- Design or draw the layout of an airport.
- Design art that depicts what airports will look like in the future.



Social Studies

- Undertake a field trip to the local airport.
- Create an advertisement to market your privately owned airline.
- Debate possible locations for a new airport in your community.
- Research the history of your local airport.
- Invite airport employees, or pilots, to speak to students about their careers in aviation/aerospace.
- Discuss careers available in the aviation field.
- Interview airport employees.
- Research the development of airports. How have airports changed?

Language Arts

- Write an imaginary conversation between the control tower and pilot.
- Fill out a logbook as if you were a pilot for an airline.
- Role-play as a newspaper reporter at a major historical aviation event.
- Write a story about an aviation-related job.
- Imagine you are a pilot or navigator; you just completed an adventurous flight, and you are describing the flight for a television news program.

Health/Physical Education

- Discuss the feelings experienced when flying in an airplane.
- Determine how long it will take to walk or run the distance of a typical airport runway (.6 - 3.0 km).
- Determine how many students standing shoulder-to-shoulder it takes to equal the wingspan of these aircraft: 747 airliner (60.3 m wingspan), F-15 Eagle (13.2 m wingspan), and X-15 rocket airplane (6.8 m wingspan).

