

Science speakers

Aviation

Purpose of the program

The purpose of this program is to help children connect their science curriculum to interests and careers and to stimulate their curiosity. We wish to awaken children to the wide variety of jobs that people do and help them understand the necessity of a good education to getting the jobs. By illustrating how basic science concepts are used in their work, speakers show how science is fundamental to daily life.

Aviation intersects with the second grade curriculum. Below are content points and a general outline to help you structure your talk.

Reminders

Plan your presentation to run about 20 minutes. Then give the children 5-10 minutes for questions.

Children love to see examples; it helps them remember and understand. Any items you can show them will impress and delight them.

Please arrive at the school office at least 10 minutes before you are scheduled to speak.

Call **Mary Goljenboom** at United Way of Lake County with questions: **847 775 1058**.

What the children are learning

Second graders (age 7) study air and weather. They learn how moving air interacts with objects and how instruments can be used to monitor air and weather conditions. The science content includes the following points:

- Air resistance affects how things move.
- Wind is moving air.
- Instruments are used to monitor air and weather conditions.
- Weather affects how an airplane flies.

What you could say

Introduce yourself as a pilot and let the children know if it is your hobby or career.

Please tell the children how you got interested in aviation and what kind of education is needed get a pilot's license.

Please tell the children about the duties and responsibilities of your job. Please also tell them some of the things that you enjoy about it. As you explain and/or demonstrate, please remind the children of some of the science points above. You do **not** need to refer to all of them.