

fly high

This program introduces students to airplanes and the science of flight. Through hands-on experiments students will discover how different shaped objects can stay aloft.

CURRICULUM CONNECTION — Air and aerodynamics; flight

► Program Outline | 90 minutes

Greeting and Introduction

Welcome and organization

Program Activities

- **Paper airplanes**
Make several different types of paper airplanes and experiment with aerodynamics.
- **Straw flyers**
These interestingly shaped planes show how air can lift a vehicle from the ground.
- **Mini kites**
Decorate and assemble a little kite that will really fly! (without a breeze!)
- **Air Canada Cups**
This fun activity will help demonstrate the properties of lift!
- **Boomerangs**
These boomerangs come back to whoever throws them with surprising speed.
- **Helicopters**
This simple activity demonstrates how propeller blades work.

Conclusion and Departure

Summarize, questions and prepare to depart

