Following Up

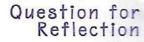
Birds and Bernoulli

What Did You Learn?

- 1. What is Bernoulli's Principle?
- 2. Explain how adjustments made to the wings of the Flying Eagle Airplanes affected the speed and gliding time.
- 3. Draw what you think a side view of a bird's wing looks like, and use arrows to show how air pressure and flow of air affect each other.
- 4. Does a wing that produces greater lift have more or less drag than a wing that produces less lift?

Wanted: Your Feedback

- 1. How effective was the How an Airfoil Works diagram? Was this effective in helping participants understand Bernoulli's Principle?
- 2. What would you change about this activity?
- 3. What new information did participants learn?



- 1. The size and shape of different birds' wings vary greatly. In addition to flight, for what specialized purposes do birds use their wings?
- 2. Compare a hawk and a hummingbird. How do the shapes of their wings vary according to the purposes they serve?
- 3. Do you think insects and flying mammals have wing designs similar to birds'?

