Section 11.1: Up, Up in the Air

Key Question: How has flight technology changed?

**BEFORE YOU READ**

How does the shape of an airplane's wing allow it to fly? Discuss this question with a partner.

**WHILE YOU READ**

Create a flow chart, using pictures and words, to show how flight technologies have changed over time. Include the features and limitations of each technology.

- Hot-air balloons and gliders
- Wright brothers' *Flyer*
- Modern airplanes

**AFTER YOU READ**

How did understanding the importance of shape open up the skies to explorers?