

Chapter 13

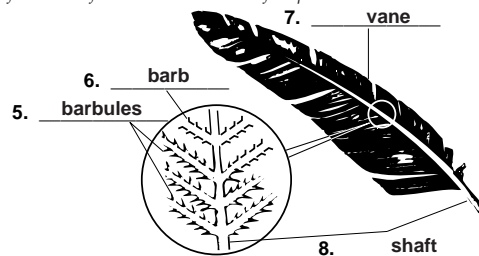
Use with Section 3

REINFORCEMENT● **Birds**

Describe the four characteristics of birds.

- Birds are warm-blooded. They keep a constant body temperature of about 40°C.**
- Birds are covered with feathers.**
- Birds lay eggs enclosed in a hard shell.**
- Birds have two front legs that have been modified into wings.**

Label the drawing of a contour feather with the names of its parts.



Write the name of the organ responsible for each step in the digestive process of a bird.

- crop 9. where food is moistened and stored
- stomach 10. where food is partially digested
- gizzard 11. where grain, seeds, and other foods are ground and crushed
- small intestine 12. where the rest of digestion occurs

Answer the following questions.

- How do the air sacs of birds help make the body lighter? **Balloonlike air sacs are attached to each lung. The air sacs spread to various parts of the body, including the hollow bones.**
- What is an amniotic egg? **It is an egg that provides a complete environment for the developing embryo.**
- What is the purpose of preening? **Preening spreads oil over the feathers, making them water repellent.**
- Compare and contrast contour feathers and down feathers. **Contour feathers are long and sleek, while down feathers are soft and fluffy. Contour feathers are used in flight, while down feathers are used for insulation.**