

# Directed Reading A

Sec. 17.1 Pg. 442

## Section: Characteristics of Birds

- \_\_\_\_\_ 1. Which characteristic do birds share with reptiles?
- a. horny beaks
  - b. feet and legs covered with thick scales
  - c. feathers and wings
  - d. endothermic bodies

### FEATHERS

- \_\_\_\_\_ 2. Birds preen by
- a. spreading oil on their feathers.
  - b. fluttering their feathers.
  - c. shedding old feathers.
  - d. growing new feathers.
3. The process of shedding old feathers and growing new ones is called \_\_\_\_\_.
4. Feathers that lie close to a bird's body and that keep it warm are called \_\_\_\_\_ feathers.
5. Feathers on the outside of the bird's body that form its shape and help it to fly are called \_\_\_\_\_ feathers.

### HIGH-ENERGY ANIMALS

6. How do birds cool off?

### FAST DIGESTION

Match the correct description with the correct term. Write the letter in the space provided.

- |  |              |
|--|--------------|
| _____ 7. This organ stores food after the bird swallows.         | a. gizzard   |
| _____ 8. This organ has small stones that grind the bird's food. | b. intestine |
| _____ 9. This organ digests the food.                            | c. crop      |

**Directed Reading A *continued***

**FLYING**

10. List four adaptations that birds have for flight.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**GETTING OFF THE GROUND**

11. The upward force on a bird's wings when it is in flight is called \_\_\_\_\_.

12. A bird with \_\_\_\_\_ wings can glide for long distances.

**RAISING BABY BIRDS**

13. Birds reproduce \_\_\_\_\_ by internal fertilization.

14. The act of sitting on eggs to keep them warm until they hatch is called \_\_\_\_\_.

**Match the correct description with the correct term. Write the letter in the space provided.**

- |   |              |
|---|--------------|
| _____ 15. In some bird species, such as these, the parents divide the chore of nest-setting.              | a. precocial |
| _____ 16. In many species, including this one, the female sits on the nest, and the male brings her food. | b. gulls     |
| _____ 17. This word describes birds that are active immediately after birth.                              | c. altricial |
| _____ 18. This word describes birds that are weak and helpless immediately after birth.                   | d. songbirds |