12. **COMPARE AND CONTRAST** Which statement compares the camels of long ago with camels of today?
   - **F.** Camels that live in Africa have hooves.
   - **G.** Skeletons of camels of long ago are similar to those of camels today.
   - **H.** Ancient camels ate grass.
   - **J.** The bones of ancient camels are fossils.

13. Notice the beak pictured here. What is it an adaptation for?



   - **A.** eating fruit
   - **B.** eating leaves
   - **C.** grinding seeds
   - **D.** spearing fish

14. Why don't you see any ground squirrels in winter?
   - **F.** They are migrating.
   - **G.** They don't like the cold.
   - **H.** They are hiding.
   - **J.** They are hibernating.

15. What can you learn by studying fossils of an organism?
   - **A.** how long it lived
   - **B.** how well-adapted it was
   - **C.** its color
   - **D.** how it compares with modern-day organisms

16. What will probably happen to a tiger that isn't raised with other tigers?
   - **F.** It will become friendly.
   - **G.** It will never learn to hunt.
   - **H.** It will live longer.
   - **J.** It will lose its instincts.

Inquiry Skills

17. Explain how your **observations** of the goldfish's behavior helped you plan how to train it.

18. What tool would you use for a **model** of a beak of a bird that eats seeds?

Critical Thinking

19. Why do you think caribou grow hair on the bottom of each foot in winter and lose it in summer?

The Big Idea

20. Suppose you want to help save a bird that is threatened with extinction. What things should you study about its habitat? Why would it be a good idea to find out if the birds are laying eggs and how many chicks are hatching?

Inquiry Skills (5 pts. each)

17. Possible answer: I could see what its behavior originally was and then decide what I wanted to change.

18. Possible answer: pliers

Critical Thinking (5 pts. each)

19. In winter, the hair helps keep the caribou from slipping on ice. In summer, the hair isn't needed, so it is shed.

20. Possible answer: amount and quality of water available; materials and places available to build nests; number of local predators; amount of nearby food; places to hide from predators. This would give me a better idea of how soon the bird might become extinct.

Chapter Test

See ***Assessment Guide*** pages AG 13–18 for a Chapter Test and Performance Task, with Long Option rubric. Assessment options appear on page 124H.

Short Option Performance Assessment

Task

Animal Adaptations

Provide each student with a picture of an animal. The student should make a chart discussing the animal's body parts, learned behaviors, and instincts that help it meet its needs. Finally, the student should discuss what kind of fossils would help scientists know how this animal has changed over time.

Rubric

Preparation Prior to the assessment, obtain pictures of a variety of animals. Each student needs one picture.

Scoring Rubric—Performance Indicators

_____ Notes how different body parts help the animal meet its needs.

_____ Notes instincts that help the animal meet its needs.

_____ Notes how learned behaviors help the animal meet its needs.

_____ Draws or describes fossils that would indicate how the animal might have changed over time.

Observations and Rubric Scores

3 2 1 0