# ACTIVITY ANSWER KEY

## Chapter 5, Section 3

**Check your answers from the Answer Key.**
**Correct all errors, then complete your next goal.**



### *Lesson* 11: *Geology*

*Layers*

1. (a) True
2. (b) a lower layer of rock
3. (d) a suggested vertical arrangement of rock layers
4. (b) an organization of Earth's history into four divisions
5. (a) True
6. amphibians, reptiles, birds, mammals
7. (c) A fossil of a fish would be buried below a fossil of a mammal.
8. circular reasoning
9. (a) Fossils of simple as well as complex organisms are found in the same layer.
10. where
11. (wording may vary) have not been disturbed
12. (any order) earthquakes, volcanoes, floods
13. Cenozoic, Mesozoic, Paleozoic, Pre-Cambrian
14. Pre-Cambrian
15. Cenozoic
16. Young Earth
17. (c) the heaviest material
18. (c) a storm was imminent
19. *"Truth is always strange; stranger than fiction."*
20. Level 3
21. Level 5
22. 30
23. (c) There is not enough data on the graph to determine that information.
24. 15 feet
25. 10
26. Site 3



### *Lesson* 12: *Paleontology*

*Dinosaurs*

1. (a) True
2. 150
3. iguana
4. (b) fossilized skeletons of more than 30 Iguanodons
5. 1841, terrible lizard
6. (a) reconstruct the skeletons
7. Brontosaurus
8. (b) False
9. Maiasaura
10. 1922
11. fossilized babies
12. 1978
13. Mongolia
14. (b) False
15. Geologic Time Table, dinosaurs
16. (c) feathers
17. dragons
18. (order and wording may vary) **written accounts** of sightings and encounters, **petroglyphs** (or pictures carved in rock), **fossilized** human **footprints** inside and alongside dinosaur tracks
19. (b) False
20. (a) True
21. (b) Why did dinosaurs become extinct?
22. Ice Age, a third, dinosaurs
23. (d) bears
24. *"Self-discipline keeps good habits in your life from becoming extinct."*



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25. 20 feet
26. Triceratops
27. (d) They all have horns.



***Lesson* 13: *Biology***
*Extinct and Endangered Species*

1. extinct
2. (a) True
3. (c) They are all thought to be extinct.
4. (d) railroad
5. (a) a zoo
6. (b) protect animals that are in danger of becoming extinct
7. (c) To prevent the slaughter of elephants.
8. (b) False
9. (c) for its horn
10. (b) habitat destruction and over-hunting
11. tiger
12. gorilla
13. oceans
14. Central Asia
15. habitat destruction
16. commercial hunting
17. (b) pollution
18. (a) There is a break in the food chain.
19. ecosystem
20. (a) True
21. *"Your talents and abilities become endangered or extinct if they are not used."*



***Lesson* 14: *Health***
*Pollution Problems*

1. (any order) air, water, soil
2. (c) It was absorbed by fish and other sea creatures.
3. (b) can die from oil poisoning
4. (b) protect bodies of water from pollutants
5. Smog
6. Acid rain, air
7. (any order) wildlife, plant life, stone buildings
8. (a) protect the atmosphere from pollution
9. (wording, order may vary) safer environments, reclaimed land
10. (b) False
11. toxic fumes
12. (a) True
13. (c) litter on the ground
14. *"An unpolluted mind is a valuable asset."*
15. 3 times
16. Beach 4
17. Beach 3
18. 50,000
19. City 2
20. City 2
21. City 3
22. 10
23. City 4
24. City 3
25. City 2
26. #2
27. #1
28. 10
29. #2 and #4



***Lesson* 15: *Physics***
*Running Waters*

1. Buoyancy
2. (c) Archimedes
3. (b) an object and the water it displaces
4. (a) True
5. bends, canyons, short, much (or a great deal of)
6. _c_ Sediment
7. _d_ ***Drainage basin***
8. _b_ ***Deposition***
9. _a_ ***Delta***
10. (a) True
11. (c) Archimedes' Principle
12. *"When you feel yourself sinking, call for help."*
13. 2



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14. Canoe 3
15. Canoe 1
16. Canoe 1
17. Canoe 3
18. (a) The heavier the load, the lower the canoe sits in the water.
19. (a) They are all about the same weight.
20. (b) To know the weight of the load in each canoe.
21. (a) They are the same size.



Ask for your QUIZ over Section 3. **Reminder:** Students who score 85% or higher on the three section quizzes may be exempt from the chapter test!



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