ACTIVITY ANSWER KEY

Chapter 5, Section 2

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



Lesson* 6: *Geology

Volcanoes

1. lava
2. (c) rock, gases
3. magma, trapped gases
4. (b) vent
5. (b) less dense
6. (a) The form of a volcano is produced by the nature of its eruption.
7. cinder cone
8. shield
9. (c) alternating quiet and explosive
10. (b) False
11. _a_ dormant
12. _c_ active
13. _b_ extinct
14. (c) Geologists saw how it formed.
15. (d) between 25 and 45 feet
16. (b) 500-575
17. (b) 1,500
18. (b) Mount Vesuvius
19. (b) False
20 (d) Hawaii
21. (b) Canyons can be formed and sediments deposited by massive forces in a short time.
22. (a) appreciative
23. *"A wise person follows good advice."*
24. high
25. high
26. low
27. low
28. (b) The higher the silica content, the higher the force.



Lesson* 7: *Geology

Earthquakes

1. (b) sudden shifting
2. (b) False
3. (c) a fracture in the Earth's crust
4. (a) vibrations
5. (c) seismic wave
6. _a_ ***Focus***
7. _d_ ***Epicenter***
8. _c_ ***Seismograph***
9. _b_ ***Magnitude***
10. 4.5
11. 5
12. 7
13. (b) Extend the foundation well below ground level.
14. 4.5
15. (d) both b and c
16. *"Strong foundations help us to withstand the storms of life."*
17. Mexico City
18. 6.7
19. 1995
20. 1906
21. Russia
22. San Francisco



Lesson* 8: *Meteorology

Hurricanes

1. (b) False
2. eye
3. (c) The largest storm that occurs on Earth.
4. (a) True

5. (a) warm, moist ocean air
6. (b) heat energy
7. (b) They get weaker.
8. (a) True
9. originate
10. _b_ hurricanes
11. _c_ ***typhoons***
12. _a_ ***cyclones***
13. (b) named them
14. (a) Alberto
15. (a) boy, girl
16. (b) False
17. (d) encouraging LaToya to disobey instructions
18. (c) tissue markers
19. *"In times of turbulence, hold tight to what you know is right."*
20. 5
21. 96-110 mph
22. 4
23. Hugo
24. $20 billion
25. Agnes
26. Georges
27. (c) about 9,000



Lesson* 9: *Meteorology

Tornadoes

1. (a) True
2. (b) Move indoors to avoid being struck by lightning.
3. Lightning, nitrogen
4. (b) False
5. (b) funnel-shaped
6. (c) a powerful whirling mass of air
7. 113-157 mph
8. F-3
9. incredible tornado
10. (b) False
11. (c) Midwestern
12. (b) dust and debris
13. (b) False
14. patterns, counter-clockwise, clockwise
15. atmosphere; (wording may vary) Stay informed of changing weather conditions.
16. ground; (wording may vary) Take cover immediately.
17. (d) admit it , apologize and correct it
18. *"A wise person recognizes danger and takes proper precautions."*
19. 263
20. F-4
21. F-0
22. (c) about 200
23. June
24. April
25. (a) about 10 million



Lesson* 10: *Paleontology

Fossils

1. (b) fossils
2. (b) False
3. (c) rot
4. (d) in rock
5. (b) animals without backbones
6. (a) True
7. (d) paleontologist
8. (a) archaeologist
9. (b) in the ocean or sea
10. (c) no longer exist
11. fossil record, theory
12. (a) transitional forms
13. (a) a fossil showing a simple organism changing into a more complicated organism
14. fossil formation, sediment, organisms
15. (c) theory of a global flood
16. (b) False
17. intelligence, life-forms
18. (d) fossilized dinosaur tracks beside human footprints
19. *"A look to the past can help give meaning for today."*
20. 10
21. 10 inches
22. Level 4
23. Level 2