ACTIVITY ANSWER KEY

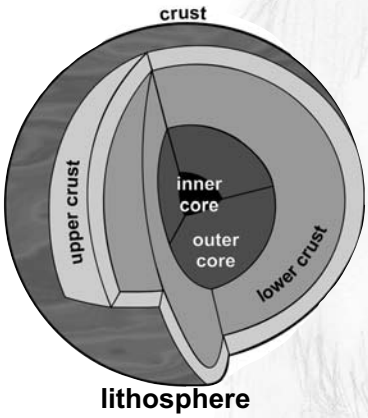
Chapter 11, Section 1

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

Lesson 1: *Planets*

The Earth

1. atmosphere
2. (any order) nitrogen, oxygen, argon
3. (c) 7 miles
4. (d) meteorologist
5. troposphere
6. hydrosphere
7. (d) oceanographer
8. (b) Jacques Yves Cousteau
9. scuba
10. (any order) oxygen, hydrogen, chlorine, sodium
11. crust

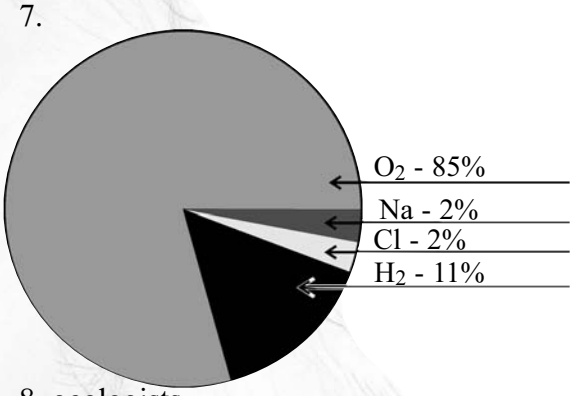


12. (b) geologist
13. crust
14. thin
15. oxygen, silicon, aluminum
16. seismic
17. (a) True
18. (b) core
19. 12,000ºF, Sun
20. *"Darkness cannot drive out darkness; only light can do that. Hate cannot drive out hate; only love can do that."*

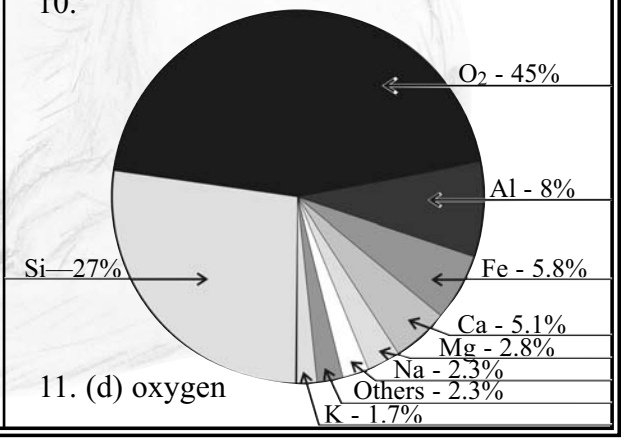
Lesson 2: *Compounds*

Minerals

1. Dust Bowl
2. (b) interlocking roots of native grasses
3. 70
4. minerals
5. atmosphere, atmosphere
6. water, ocean
7.



8. geologists
9. (any order) oxygen, silicon, aluminum
10.



11. (d) oxygen

12. (a) has a definite chemical composition
13. Feldspar
14. (d) SiO_2
15. (b) silica
16. (b) abundant
17. kaolin, clay
18. $CaCO_3$
19. (a) limestone and marble
20. polarize
21. Polaroid
22. *"If you are patient in one moment of anger, you will avoid one hundred days of sorrow."*



Lesson 3: *Geology*
Sedimentary, Igneous and Metamorphic Rock

1. sedimentary
2. sedimentary (or sandstone)
3. (c) weathering
4. layers
5. strata
6. _e_ most common type of sedimentary .
7. _b_ breaks into smooth flakes . . .
8. _f_ often contains oil
9. _a_ made of a jumble of pebbles . . .
10. _d_ calcium carbonate ($CaCO_3$) . . .
11. _c_ found in the Great Salt Plain in Oklahoma . . .
12. (a) sandstone
13. (b) igneous
14. magma
15. (b) the size of the crystals
16. _c_ glass-like with a shiny surface
17. _a_ when this type of igneous rock . . .
18. _d_ filled with pores caused . . .
19. _b_ has large crystals and cools . . .
20. (b) heat or pressure
21. (d) sandstone
22. (b) shale
23. (a) limestone
24. (any order) sedimentary, igneous, metamorphic
25. fossils
26. *"If you want to win a man to your cause, first convince him that you are his sincere friend."*

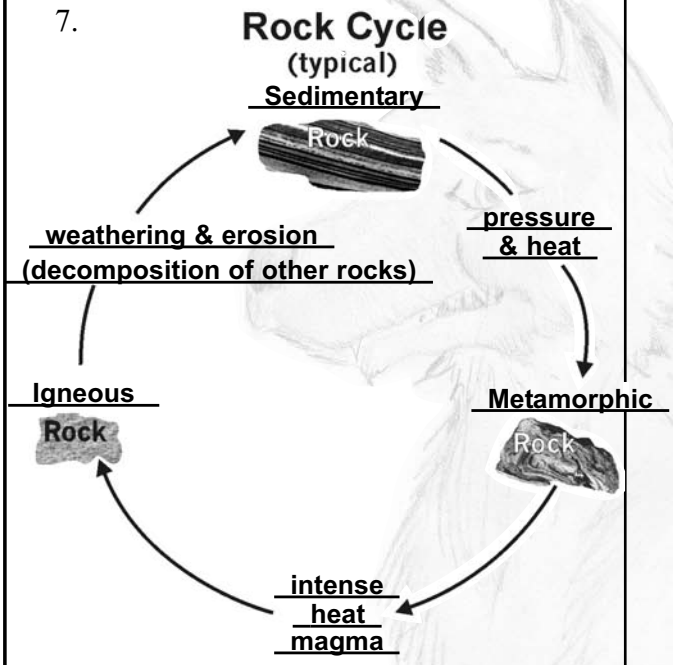


Lesson 4: *Geology*
Volcanoes, Weathering and Erosion

1. (a) in a cornfield
2. lava, ash
3. (b) False
4. (d) where two tectonic plates meet
5. (d) weathering
6. (a) erosion
7. erosion, weathering
8. (b) False
9. gravity
10. (c) porous and weakened by water
11. (d) sandstone
12. (d) wind blown grit
13. temperature
14. (b) False
15. (c) living things
16. run-off (or retention) ponds
17. physical
18. (c) physical
19. (a) chemical
20. (c) water
21. (d) wind and temperature changes
22. (b) False
23. *"You should never put off doing something useful for fear of evil that may never arrive."*

Lesson 5: *Geology*
Rock Cycle

1. (b) False
2. (b) in Italy in Europe
3. (b) False
4. folds
5. rock cycle
6. sedimentary
7.



8. (c) on or near the surface of the Earth
9. (a) 2 miles
10. (b) deep ocean water
11. conglomerate, sedimentary
12. metamorphic
13. (b) liquid
14. (b) magma
15. (b) igneous rock
16. (a) humus
17. (a) clay
18. (b) excess
19. (b) 7.0
20. (b) strong
21. (d) hydroxide ions
22. (c) base
23. (a) basic
24. acidic
25. *"A disagreeable responsibility left unfinished continually grows more unpleasant and more difficult to ignore."*

Ask for your QUIZ over Section 1.
Reminder: Students who score 85% or higher on the three section quizzes may be exempt from the chapter test!


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