ACTIVITY ANSWER KEY

Chapter 5, Section 2

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



Lesson 6: *Biology*
Darwin, Aggasiz and Snakes

1. _5_ Tom saw a snake in the bunker.
   _4_ Bryan realized how the two men . . .
   _1_ Tom noticed the generator was . . .
   _2_ Bryan explained to Del how the . . .
   _3_ Del led Tom and Bryan to the . . .
2. (c) she insisted the snake was harmless without actually seeing it
3. _X_ Science is the total knowledge of . . .
   ___ Science is one way of discovering . . .
   _X_ Science alone has all of the answers.
   ___ Science provides some answers.
4. Werner Heisenberg
5. (c) It revealed that some questions cannot be answered by scientific methods.

	Instrument	Measures	Amplifies
6.	scales	x	
7.	barometer	x	
8.	stethoscope		x
9.	telescope		x
10.	ruler	x	
11.	clock	x	
12.	microscope		x

13. one, all
14. _D_ Life was originated by a superior . . .
    _E_ Life came about by chance, . . .
    _D_ Each life form came into being as . . .
    _E_ Original species changed into . . .
15. (d) They both must be accepted by faith.
16. clergyman
17. (c) naturalist
18. (b) differences between animals of the same species
19. ___ He had college degrees in biology . . .
    ___ He consistently used the scientific . . .
    _X_ He took a voyage, read geology . . .
    _X_ He published books of theories . . .
20. Alfred R. Wallace, evolution, publish
21. (b) False
22. Theory of Evolution
23. (b) False
24. Charles Darwin
25. (a) the inability to sleep when tired
26. geologist, Glaciology (or glacial geology)
27. zoology, paleontologist, biologist
28. (d) creation is a jumble of mixed-up . . .
29. _D_ believed women were incapable . . .
    _A_ believed women were capable of . . .
30. (b) speculative and desolate
31. (b) False
32. (any order) Biologists, zoologists
33. _X_ lives around barns and old buildings
    _X_ kills rodents by constriction
    _X_ swallows prey larger than its mouth
    ___ permanently hinged jaw
    ___ venomous
34. (c) Do not put your hands or feet in areas you cannot see.
35. tourniquet
36. (b) False
37. (b) king cobra
38. (d) in a certain storage room
39. "*Most of our arrogance is due to our ignorance.*"

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Lesson 7:
Lizards and Turtles

1. 2 Bryan discovered two parallel skid . . .
   4 Tom pulled out a badly damaged . . .
   5 The rattle of dry leaves sounded . . .
   1 Bryan, Tom and Del walked along . . .
   3 Del found her grandfather's wood . . .
2. lizards
3. (a) True
4. X smooth scales
   ___ four legs
   X external ear openings
   ___ classified as a snake
5. (b) long tail
6. carrion
7. parchment
8. (b) they conserve water when ridding their bodies of waste
9. (a) True
10. X run quickly
    X puff up
    ___ shrink
    X give up tail
    X produce venom
11. X can regenerate its tail
    X makes a "gecko" sound
    ___ is a small member of the iguana family
    X often found in houses
    X can climb on glass
    X can run upside down on a smooth . . .
12. (c) teeth
13. change colors
14. (b) hormones
15. (c) they operate independently of one another
16. (a) The Komodo dragon is very large and the gecko is very small.
17. (b) the turtle cannot live without its shell
18. (a) True
19. 1 the female turtle finds a place . . .
    3 the female turtle lays her eggs
    2 the female turtle digs a depression. . .
    4 the female turtle restores the site to . . .
20. (d) was afraid of his partner
21. "*You can lead an animal to water, but you can't make it drink.*"

Lesson 8: *Biology*
Turtles and Crocodiles

1. (b) he had been kidnapped and drowned
2. X was a person of low character.
   ___ would deliver the padlock key . . .
   ___ truly had the welfare of the . . .
   X did not want the youngsters to . . .
3. (a) keep turtles out of trawler nets
4. food; (any order) jewelry, hair combs
5. urbanization, highway construction
6. ocean (or water), land
7. (b) False
8. land, dome-shaped (or domed)
9. (d) certain freshwater turtles (once prized as food)
10. (c) hinged shell
11. (c) to put in or restore to an upright position
12. Ecuador, the Pacific
13. turtles (or tortoises), Spanish, tortoise, Spanish
14. crocodiles, lizards, snakes, turtles
15. (b) False
16. sharp, pointed, meat
17. broad, vegetation
18. (a) True
19. (d) causing motion
20. log
21. 2 grabs
    4 eats
    1 drifts (or floats)
    3 drowns
22. (wording may vary) in a river bank, just above the water line
23. (b) False
24. "*Consider the turtle: it has to stick its neck out in order to get ahead.*"

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Lesson 9: *Biology*
Crocodiles, Aligators and Birds

1. 3 a French map
   2 a dollhouse
   1 broken plates
2. (a) True
3. diet, exercise
4. (b) a shorter time

	Characteristics	Nile Crocodiles	Estuarine Crocodiles	Alligators	All types of Crocodiles
5.	worshipped by ancient Egyptians	x			
6.	heaviest modern crocodile		x		
7.	inhabit coasts of India		x		
8.	have blunt snouts			x	
9.	have pointed snouts				x
10.	appear to smile				x
11.	live in warm swamps, bayous			x	
12.	lay eggs near water				x
13.	guard eggs not the young				x
14.	killed for their skins				x

15. c sparrow
16. e woodpecker
17. a duck
18. f hummingbird
19. d hawk, owl
20. b anhinga
21. 4 ***gizzard*** - (wording may vary) contains gravel, grinds food
    1 ***gullet*** - (wording may vary) throat
    2 ***crop*** - (wording may vary) temporary storage area
    3 main stomach - (wording may vary) digestive juices added
22. gizzard
23. gizzard, teeth and jaws
24. syrinx
25. (c) voice box
26. (any order) call, song
27. a battering ram; a bench
28. "*He that can have patience can have what he will.*"



Lesson 10: *Biology*
Birds

1. (c) a V-formation of geese flying south
2. X Daylight hours shorten due to Sun's rays becoming more slanted
   X Temperature becomes cooler.
   X Food is harder to find.
   ___ Geese become bored with their . . .
3. (d) 40-50 miles per hour
4. (a) complete their journey as fast as possible
5. longer, faster, energy
6. (wording may vary) he has to break the wind
7. (any order) rivers, lakes
8. magnetic, compass
9. (c) unique to each flock of migrating birds such as geese, and followed year after year
10. (any order) Feeding, nesting

	Characteristics	Fish	Amphibians	Crocodiles	Most Reptiles	Birds
11.	guard eggs			x		x
12.	feed/guard young					x
13.	young fend for themselves	x	x	x	x	

14. goslings
15. X Molting happens once a year.
    ___ Old feathers becoming moldy is the signal to molt
    X New feathers grow in to replace frayed, worn feathers
    X Some birds lose their feathers . . .
16. (a) True
17. the Arctic tern, 20,000 miles
18. (b) much faster

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19. (wording and order may vary) provides warmth (or insulation), reduces air friction, provides balancing and steering, keeps water birds dry, plumage distinguishes males from females, coloration aids males in protecting nests
20. (a) they were designed to be protected for rearing their young
21. (b) False
22. (b) with caution
23. "*If you wish to go where there is no path, make one that others may follow.*"



Ask for your QUIZ over Section 2.
Reminder: Students who score 85% or higher on the three section quizzes may be exempt from the chapter test!

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