ACTIVITY ANSWER KEY

Chapter 1, Section 1

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

Lesson 1: *Biology*

Life Processes

1. (c) organisms
2. (a) cells
3. bacteria
4. billions
5. survive
6. (b) life processes
7. (c) When you touch something hot, you jerk away your hand.
8. (b) An oak tree results from a tiny seed.
9. (c) Organisms receive energy from the food they gather.
10. (b) metabolism
11. (c) respiration
12. (a) True
13. their own kind
14. (c) life processes
15. grow
16. obtain food / use energy
17. release energy
18. release wastes
19. reproduce
20. respond to surroundings
21. armadillo carcass, 18-wheeler (or diesel truck)
22. *"Life is like money. You can use it wisely or spend it carelessly. But once it's gone, it's gone."*

Lesson 2: *Human Anatomy*

Responding to Surroundings

1. automatic
2. (b) False
3. (b) brain and spinal cord
4. communication
5. three
6. (a) cerebrum
7. (any order) thinking, decision-making
8. muscle movement
9. brain stem; (any order) heart rate, blood pressure, breathing rate, body temperature, growth, digestion
10. (b) False
11. (c) nerve cells
12. (c) blinking your eyes when a bright light hits them
13. (any order, wording may vary) exercise, proper nutrition, adequate sleep
14. (any order) helmet, seat belt
15. (a) True
16. neurosurgeon
17. **T** alent **B** ooks
    H onesty **I** n depth learning
    I nsight **G** od
    N ice
    K nowledge
18. (c) the man at the pay phone
19. *"A well thought-out response is usually the best response."*

Lesson 3: *Human Anatomy*

Growing

1. (b) hormones
2. (b) False
3. (a) chemical messengers
4. master gland, growth
5. (b) False
6. (c) heredity, choices (lifestyle, nutrition)
7. (c) central nervous system and endocrine system

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8. (b) False
9. regulate glucose, secrete enzymes to digest food
10. the adrenal glands
11. the thyroid gland
12. calcium
13. (c) adrenal
14. (c) a plastic bag with a bottle of chemicals
15. *"You are as strong as your character."*



Lesson 4: *Human Anatomy*

Movement

1. (d) shorten it
2. (c) stretch it
3. (a) muscles
4. 600, skeletal
5. framework
6. vital organs
7. _b_ ***cartilage***
8. _c_ ***joints***
9. _a_ ***ligaments***
10. _d_ ***tendons***
11. (a) more efficient and strong
12. (any order) leafy green vegetables, milk
13. over-exertion, exercise
14. tree house
15. (d) a series of gunshots
16. *"No pain, no gain."*



Lesson 5: *Health*

Hunger

1. energy
2. food, energy source
3. digestive
4. chewing
5. (c) break the food into smaller pieces
6. (d) stomach
7. small intestine
8. (b) bile
9. (c) bloodstream
10. Urine
11. feces, large intestine, bowel movement
12. _4_ Food enters the small . . . .
    _3_ Food enters the stomach.
    _8_ Unusable (waste) products are . . . .
    _1_ Food is mixed with ***saliva***.
    _5_ Food is mixed with liver ***bile*** . . . .
    _2_ Food passes through the esophagus.
    _7_ Water is absorbed from large . . . .
    _6_ Undigested food enters the . . . .
13. esophagus
14. liver
15. stomach
16. large intestine
17. small intestine
18. (any order) fruits, vegetables, whole grains; (any order) meat, fats, sugars
19. 2/3 (two-thirds), 6-8
20. (a) True
21. (c) milk
22. 1822, 1895
23. biologist, lives
24. (b) False
25. (any order) parents, grandparents
26. *"Knowledge is food for the brain."*

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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