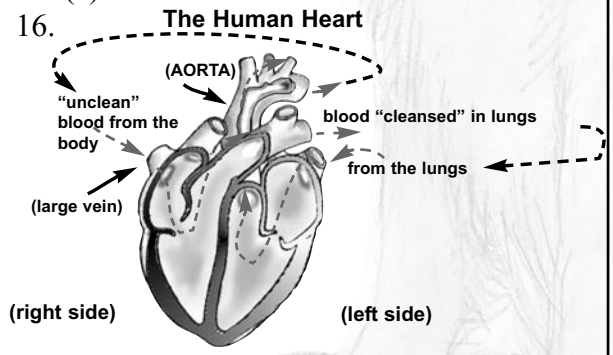
ACTIVITY ANSWER KEY

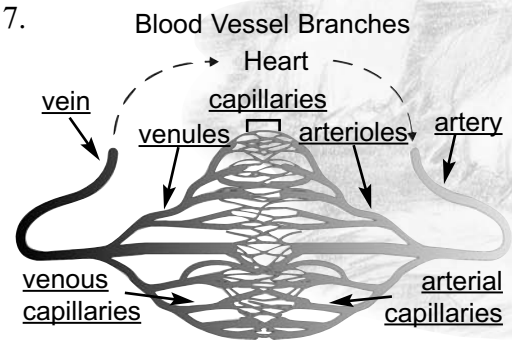
Chapter 1, Section 2

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

Lesson 6: *Human Anatomy*

Blood

1. Dr. Daniel Williams
2. circulatory system
3. (b) transportation system
4. Blood
5. (any order) blood, oxygen
6. (a) carbon dioxide
7. liquid (or plasma), solids; (any order) red cells, white cells, platelets
8. marrow
9. 4 million per second
10. pumped
11. (c) fist
12. 100,000; 70
13. (b) aorta
14. (a) arteries
15. (c) veins
16. 

17. 

18. lungs, oxygen
19. (a) red blood cells
20. white blood cells
21. (c) platelets
22. plasma
23. (any order) animal fats, hydrogenated, partially hydrogenated
24. salt
25. strengthen
26. (any order) jogging, brisk walking, swimming, skateboarding, rollerblading
27. (c) an unidentified man
28. *"Out of the heart come the issues of life."*

Lesson 7: *Human Anatomy*

Take a Breath

1. oxygen
2. respiratory
3. gases
4. (b) False
5. (a) nostrils
6. (c) voice box
7. Cilia, lungs
8. (c) lungs
9. exchange
10. (a) Each system is intricately designed to work in harmony with other body systems.
11. (any order) tobacco smoke, exhaust fumes
12. (b) Emphysema
13. (a) True
14. (c) Nervous system
15. (any order) stress, fear
16. (wording may vary) slow down your breathing rate
17. *"Few things in life are as easy as breathing."*

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Lesson 8: *Physics*
Problems

1. (a) True
2. problem
3. scientific method
4. _b_ Identify the problem
5. _c_ Make observations
6. _a_ State a ***hypothesis***
7. (b) False
8. information
9. (a) test hypotheses, collect more data about the problem
10. (c) the scientific method provides an organized way to solve problems
11. Identify the problem
12. Make observations
13. State a hypothesis
14. Test the hypothesis
15. Collect data
16. Study data
17. Make a conclusion
18. values
19. Dr. George Washington Carver, 418
20. (b) False
21. Booker T. Washington
22. (d) "I can conquer my circumstances!"
23. _b_ observations
24. _d_ hypothesis
25. _a_ data
26. _c_ conclusion
27. "*Problems are opportunities in disguise.*"



Lesson 9: *Human Anatomy*
Using Your Senses

1. hearing, sight, smell, taste, touch
2. (a) interpret events and remember them
3. pupil
4. (a) True
5. lens, light
6. It protects the lens and iris.
7. (c) retina
8. retina
9. lens
10. pupil
11. cornea
12. iris
13. camera
14. windows of the soul
15. vibrating, sound waves
16. (a) True
17. (a) new habits can be established by repetition of behavior
18. your skin
19. (wording and order may vary) before eating, before handling food, after using the toilet
20. smell
21. (d) brain
22. details, clues
23. *"Hear no evil, see no evil, speak no evil."*



Lesson 10: *Human Anatomy*
What a Waste

1. (c) water
2. (a) True
3. (c) plasma
4. (a) True
5. (a) red blood cells
6. (b) Perspiration
7. Perspiration
8. 6-8 cups (or glasses)
9. (c) kidneys
10. (d) least important organ
11. kidneys
12. (wording may vary) to filter liquid wastes from the bloodstream
13. ureters
14. the urinary bladder
15. (wording may vary) to carry urine to the outside of the body
16. nephrons
17. six, 350
18. (d) 500-550
19. (b) False
20. (b) dialysis
21. Samuel Kountz, transplant
22. (a) True
23. _b_ carbon dioxide
24. _a_ old red blood cells
25. _c_ undigested foodstuffs
26. (b) kidneys and liver
27. (a) True
28. *"Most of the time we make the consequences we face."*

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