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*

Describing Matter

1. Matter
2. (a) True
3. Mass
4. kingdoms, cells
5. (any order) animal kingdom, plant kingdom
6. (b) False
7. vertebrates, invertebrates
8. (a) True
9. states of matter
10. (any order) atoms, molecules
11. _c_ ***Solid***
12. _a_ ***Liquid***
13. _b_ ***Gas***
14. (a) solid
15. (b) False
16. (c) that a liquid takes on the shape of its container
17. (b) Blow into a balloon.
18. (a) True
19. (any order within categories)

Solid	Liquid	Gas
feather	milk	steam
ice	syrup	air

20. matter
21. *"A wise person learns what really matters in life and sets priorities accordingly."*
22. (c) bricks
23. (a) feathers



Lesson 2: *Physics*

Physical Properties of Matter

1. (any order) measured, observed
2. (b) False
3. (any order) sight, touch, taste, smell
4. (a) True
5. (c) liters
6. (d) 1,000 meters
7. (c) 100 centimeters
8. (a) 1 centimeter
9. Volume
10. (c) liters and milliliters
11. (b) grams and kilograms
12. (a) True
13. (b) Celsius
14. (c) its temperature
15. (b) ice
16. (a) True
17. (c) color
18. *"The possibilities (of success) are measured by determination."*
19. (c) about 325ºC
20. (b) about 230ºC
21. (b) tin



Lesson 3: *Chemistry*

Chemical Properties of Matter

1. properties
2. (b) an iron compound
3. (c) observe how it reacts with other substances
4. (b) to observe its chemical properties
5. Flammability
6. (b) it explodes
7. (a) opaque

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8. (b) it reacts to light
9. (b) a gas is released
10. (b) False
11. _c_ opaque
12. _a_ ***transparent***
13. _b_ ***corrosive action***
14. (b) lightweight
15. (b) False
16. aluminum, health
17. (b) chemical
18. (a) physical
19. (b) chemical
20. (a) physical
21. rare, worth more money
22. *"Testing reveals our true character."*



Lesson 4: *Chemistry*
Physical and Chemical Changes

1. physical
2. (a) physical
3. (a) physical
4. (a) physical
5. (any order) size, shape, state of matter
6. (b) chemical
7. (b) chemical
8. (b) chemical
9. (b) chemical
10. (b) chemical
11. digestion
12. (b) digesting your food
13. reputation
14. (c) take advantage of people
15. *"It is possible at anytime to change one's . . . goals and way of life."*
16. (b) False
17. (a) True
18. (b) False
19. (a) a chemical change
20. (a) a chemical change



Lesson 5: *Chemistry*
Important Discoveries

1. (b) False
2. (c) secretary
3. (b) how to correct mistakes when using a typewriter carbon film ribbon
4. (a) Watching painters
5. (b) ***water-base*** tempera paint
6. (b) False
7. (d) To read about paint formulas.
8. (b) False
9. (a) True
10. (b) a physical property
11. (a) a chemical property
12. (b) a physical property
13. (b) 100
14. "Mistake Out"
15. _6_ contacted several paint manufacturers
    _3_ got slow-drying, grainy, brittle results
    _7_ conducted over 100 experiments. . . .
    _4_ sought paint formula information. . . .
    _1_ experienced frustration with. . . .
    _5_ consulted a science teacher
    _2_ got an idea from watching. . . .
16. (c) lazy, bored, selfish
17. Mickey Mantle
18. *"Necessity is the mother of invention."*
19. (b) ancient Egypt, Babylonia, Greece
20. egg or glycerin/solution in water
21. (b) pigment
22. (a) vehicle
23. (c) a solvent

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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