

Name: _____ Section: _____

Textbook Scavenger Hunt - Matter and Energy

Directions: The purpose of the following questions is to help you become more familiar with your new textbook. It is extremely important for you to thoroughly explore your textbook while searching for your answers, as opposed to simply rushing to just complete this scavenger hunt. Please write all answers on a separate sheet of paper.

1. In what section of your textbook would you find a list of words and their definitions? On what pages would you find this section?
2. What are the three headings found in the **section** "Review"? This is found at the end of each **section**.
3. As you use your textbook you will typically come across many visuals that are provided to assist you in understanding the material. It is very important for you to always look at the visual and to read any captions that accompany it. Describe the visual on page 81.
4. Go to page 1, the *Matter and Energy Contents Overview*, how many chapters are there in the *Matter and Energy* textbook?
5. What two words are typically associated with any experiment/activity in this textbook?
6. Page xii provides you with an introduction to Physical Science. What four additional sections does the textbook provide you with to "help you get started"?
7. Chapter 3, *Energy*, has how many sections?
8. Go to page 6 in the textbook. Which section of Chapter 1, *Introduction to Matter*, would you find information on the physical states of matter?
9. What page does the *Student Resource Handbooks* start on?
10. After the introduction to a new chapter you will find a page that has a title in a green bar. What is the title in this green bar? What do you think is the purpose of this section?

11. How many sections does the *Student Resource Handbooks* have? Name each of the section titles.
12. What is the name of the section that would assist you when it comes to taking notes? On what pages would you find this section?
13. Using the *Lab Handbook* section of the *Student Resource Handbooks*, provide the pages where you would find the safety rules.
14. Page viii of your textbook makes up a portion of the Table of Contents. What three sections/categories (written in red) are listed on this page?
15. At the bottom of some textbook pages you may find a shape similar to this . What words appear inside this shape? What do you think is the purpose of this symbol (and words)?
16. On what pages will you find the *Index*? What is the purpose of the *Index*?
17. What is found in a yellow, rectangular shaped object at the beginning of each new chapter, just below the chapter # and title?
18. How many "Key Concepts" or sections are found in Chapter 4? What are they?
19. Where would you find a definition and examples of Double Bar Graphs?
20. Periodically you will find pages called "*Math in Science*" throughout your textbook. On what page will you find "Skill: Using Formulas - Cool Efficiency"?
21. What can be found at the end of each Chapter?
22. Use the glossary to write the definition for *theory*.
23. According to the index, on what page(s) would you find information about convection?
24. In the margins of some textbook pages you may find a shape similar to the one below. Within this shape you will find some words (i.e. - Resource Center, Visualization, etc.) and below these words, in red lettering, it says something. What does it say? What is the purpose of these shapes?

