

BIOLOGY TEXTBOOK SCAVENGER HUNT

Directions: The student will search through the Biology textbook to find the answers to the following questions. This assignment will help the student understand the textbook. Students will have to look through charts and data tables, read the table of contents, look up words in the glossary and topics in the index, and look up publishing information to find the answers. Students **do not** have to write complete sentences.

Getting to know the book!

1. Who are the authors of the Biology textbook?
2. What year was this textbook copyrighted?
3. What company published your biology textbook?
4. How many units of study are found in this text? Where did you look to figure this out?
5. How many chapters are in the text?
6. Look at all the chapter titles. Which one sounds the most interesting to you?
7. Where would I look to find out a definition?
8. If I wanted to look up information on mitosis, how would I figure out what page it is on?
9. On what page would I look to find out information about overfishing?
10. If I wanted to see the key concepts and the vocabulary for an **entire** chapter, where should I look?

Let's make it a little tougher!

11. Define science.
12. Answer the following question using the data table and graph on page 25. At what time of day is the rate of water released by leaves equal to the rate of water absorbed by roots?
13. What is the difference between radial symmetry and bilateral symmetry? (Hint: you might want to look at the picture provided in your text)

Name:

Date:

Period:

14. What is the function of maltase, sucrose, and lactase in the **small intestine** of the digestive system?

15. On what page would I find a labeled diagram of a spider?

16. What does the map on page 369 show?

17. Use the diagram of the pH scale to answer the following questions.

- a. What is the most acidic item listed on the chart?
- b. What is the most alkaline item listed on the chart?
- c. What is the only neutral substance on this planet?

18. What does the diagram on pg. 98 show? What type of chart is this?

19. What is Down Syndrome?

20. Describe Redi's experiment on Spontaneous Generation.