

Double Entry Journal

Directions: As you read the text, select a few phrases that you find meaningful or interesting. Write each phrase in the second column below, noting the page number in the first column. Then write why you chose it (a comment, question, connection made, or analysis) in the third column.

Page Number	Text	Importance

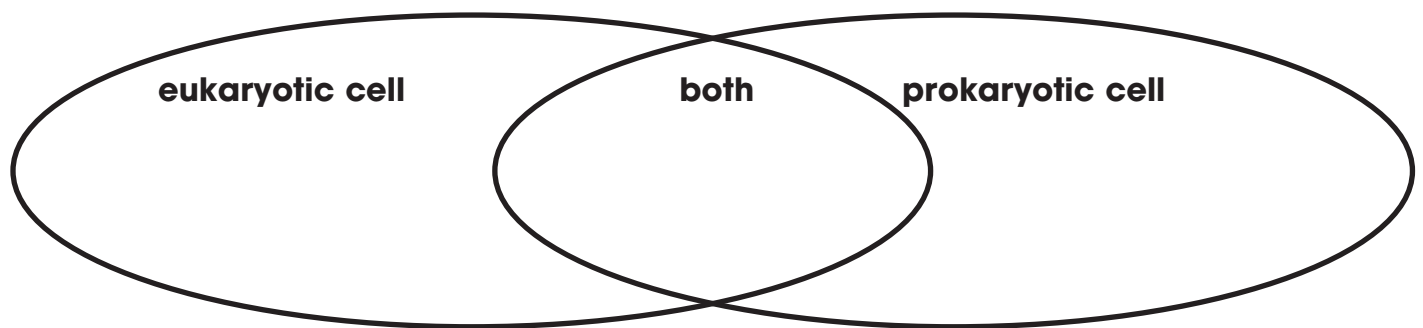
The Nature of Life: Content Assessment

Directions: Use what you have learned about life in Earth's biosphere to answer the questions below.

Chapter 1

1. For organisms to grow, repair themselves, or reproduce, they have to _____

2. Compare and contrast these two cell types by completing the Venn diagram below.



3. Write a brief explanation of what proteins are and why they are important to cell function.

Chapter 2

4. What are three processes that define and sustain living organisms?

5. Describe the chemical process of photosynthesis and how it relates to respiration.

Name _____ Date _____

6. Give an example of how your body maintains homeostasis.

Chapter 3

7. Name three known causes of diversity among Earth's species.

8. Why are food webs more accurate than food chains in showing how energy moves through the biosphere?

9. What are three ways humans can begin to reverse the damage they have done to Earth's biosphere?

10. Use the word bank to write a brief summary of the book.

adaptation	decomposer	homeostasis	process
biosphere	diversity	nucleus	producer
cell	ecosystem	organelle	prokaryotic cell
consumer	eukaryotic cell	photosynthesis	
