

The Building Blocks of Life

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Understanding Cells

Name: _____

Date: _____

Answer the following questions based on what you learned about cells and their importance.

1. What is the fundamental unit of life?

- A. Atoms
- B. Cells
- C. Molecules

2. What is cell theory and why is it important?

3. All living things are composed of one or more cells.

- True False

4. Cells have specific structures that enable ____ functions.

5. Which of the following is a characteristic of living things?

- A. They are made of cells
- B. They do not grow
- C. They cannot reproduce

6. How can you tell if something is living or non-living based on cellular characteristics?

7. Non-living things are made of cells.

- True False

8. God's creation of cells showcases His ____ design.

9. How do cells contribute to the functions of living things?

- A. They are just for show
- B. They perform essential life functions
- C. They make things non-living

10. Reflect on Psalm 139:14. How does this verse relate to the study of cells and life?

Answer Key

1. Cells 2. Cell theory states that all living things are made of cells. It is important because it helps us understand the basic structure of life. 3. True 4. life 5. They are made of cells 6. Living things are made up of cells, while non-living things do not have this cellular structure. Living things can grow, reproduce, and respond to their environment. 7. False 8. intentional 9. They perform essential life functions 10. This verse shows that we are wonderfully made, which highlights how intricate and amazing God's design is at the cellular level.