Diversity of Living Things Unit

Vocabulary Chapter One

cell microorganism kingdom binary fission virus bacteria

archaea producer decomposer parasite harmful helpful

host cells attachment injection production assembly release

DNA cell wall cell membrane algea plankon protozoa

plant-like animal-like fungi-like unicellular

Focus questions

* ***What is life?***
* ***What are the characteristics of microscopic life?***

**Diversity of Living Things**

**Text Reference**:

Chapter 1 section 1, 2, 3, and 4 **pages 6-35**

Getting Ready to Learn, page 8

**Scientist Notebook**

**Diversity of Living Things Book**

Brainstorm Ideas Activity: Where can you find microscopic life? pages 6 and 7

Think About Lab Activity: How quickly do bacteria multiply? page 7

Reading Graph Activity: Math in Science-Graphing Growth page 15

Activity; How do infections spread? page 25

Activity: What lives in pond water? page 31

**Cells and Heredity Book**

Explore: Organisms p. 9

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| ***Big Ideas***   * Any free-living thing is an organism. * All living organisms exhibit common characteristics: they grow, consume nutrients, exchange gases, respond to stimuli, reproduce, need water, and eliminate waste. * Bacteria and protists have the characteristics of living things while viruses are not alive. |