

## Chapter Three Science: From Cells to Organisms Objectives

### Lesson One

- 1) Describe differing characteristics of living and nonliving things.
- 2) What are the basic units of living things?
- 3) Put in order the levels of organization of a living thing.

### Lesson Two

- 1) Describe the differences between cells of plants and animals.
- 2) Compare and contrast animal and plant cells.
- 3) Distinguish between cells with and without a nucleus.
- 4) Describe the difference between elements and compounds in the human body.

### Lesson Three

- 1) Describe the movement of materials through barriers.

2) Identify forms of transportation in and out of cells.

3) Compare and contrast photosynthesis and respiration.

#### Lesson Four

1) Describe the butterfly life cycle.

2) Describe the cell cycle and how organisms grow.

3) What are the causes of cancer?

4) Compare and contrast meiosis and mitosis.

5) Describe life span and life expectancy.