

6th Grade Study Guide

Chapter 2

CELL STRUCTURE Section 1

- Explain how cells can differ in structure and shape based on function.
- Contrast prokaryotic and eukaryotic cells.
- Understand the functions of the organelles in the cells.
- Distinguish between plant and animal cells.
- Understand how cells are organized into tissues, organs, and organ systems.

VIEWING CELLS Section 2

- Tell why cells are called cells.
- Explain the parts of the cell theory.

VIRUSES Section 3

- Define virus; name some viral diseases.
- Identify the two parts of a virus.
- Describe how latent and active viruses reproduce.
- Describe how vaccines work.
- Tell how gene therapy works.

