

CHAPTER OVERVIEW

3: Matter and Energy

- 3.1: In Your Room
- 3.2: What is Matter?
- 3.3: Classifying Matter According to Its State—Solid, Liquid, and Gas
- 3.4: Classifying Matter According to Its Composition
- 3.5: Differences in Matter- Physical and Chemical Properties
- 3.6: Changes in Matter - Physical and Chemical Changes
- 3.7: Conservation of Mass - There is No New Matter
- 3.8: Energy
- 3.9: Energy and Chemical and Physical Change
- 3.10: Temperature - Random Motion of Molecules and Atoms
- 3.11: Temperature Changes - Heat Capacity
- 3.12: Energy and Heat Capacity Calculations
- 3.E: Matter and Energy (Exercises)

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