Book Chapter:

13.1 The Nature of Gas

13.2 The Nature of Liquids

13.3 The Nature of Solids

13.4 Changes of States

17.1 The Flow of Energy- Heat and Work

17.2 Measuring and Expressing Enthalpy Changes

17.3 Heat in Changes of State

17.4 Calculating Heats of Reaction

This upcoming unit:

Forms of energy

Temperature vs. heat (similarities and differences)

Law of conservation of energy (p.g. 506: Section 17.1) and Law of conservation of matter

Heating Curves (p.g. 523: section 17.3)

Calorimetry and math related to it

Converting Celsius to Kelvin

Energy Transfer

Vocab:

True Solid

Melting Point

Freezing point

Boiling point

STP

Entropy

Absolute zero

Units for heat energy

Temperature

Solid

Liquid

Gas

Kelvin

Heat of Vaporization

Heat of fusion

Heat of Solidification

Heat of Vaporization

Specific heat