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