

Chemistry 2 – Bay City Public Schools Planning Guide

Unit 1:

Chemical Bonds (revisit from Chem 1) *and include Intermolecular forces

From Chem 1: C4.4b, C5.5A, C5.5B, C5.5c, C5.5d

Add in for Chem 2: C2.1a, C2.1b, C3.2b, C3.3c, C4.3c, C4.3d, C4.3f, C4.3g

Prentice Hall Chemistry: 7.1, 7.2, 8.1, 8.2, 8.4

Nomenclature

From Chem 1: C4.2B, C4.2c, C4.2d

Add in for Chem 2: C4.1a

Prentice Hall Chemistry: 9.1, 9.2, 9.3, 9.5

Unit 2:

C4.6 The Mole

C4.6a, C4.6b, C5.2e, C5.2f

Prentice Hall Chemistry: Chapter 10 all

Unit 3:

C5.2 Chemical Changes and Reactions

*this includes balancing equations, predicting products

C5.2A, C5.2B, C5.2d, C5.6b

Prentice Hall Chemistry: Chapter 11.2, 11.2 (Honors 11.3)

C3.4 Endothermic and Exothermic (covered while discussing chemical changes)

C3.4A

Prentice Hall Chemistry: Chapter 17.1

Unit 4:

C5.2e Stoichiometry

Prentice Hall Chemistry: Chapter 12

Unit 5:

C4.7 Molarity and Solutions

Prentice Hall Chemistry: Chapter 16

Unit 6:

C5.7 Acids and Bases (Introduction) and Arrhenius

C5.7A, C5.7B, C5.7C, C5.7D, C5.7h

Prentice Hall Chemistry: 9.4, 19.1, 19.2