

Monday 10/30

Academic Standard # 3.4.10.A & B 3.4.12.A & B

Rigor/Relevance Quadrant **A** **B** **C** **D**

Lesson Objective:

- **Define** chemical bond.
- **Explain** why most atoms form chemical bonds.
- **Describe** ionic and covalent bonding.
- **Explain** why most chemical bonding is neither purely ionic nor purely covalent.
- **Describe** the electron-sea model of metallic bonding, and explain why metals are good electrical conductors.

Details: -return and review tests

-Turn in **Chemical Bonding Project** due by the end of the period (if no mobile laptops then notes)/

-Notes on 6.1 intro to bonding

-complete Sample Prob A WS:Classifying Bonds **Homework:** WS6.1; work on adopt an element project due date Thursday 11/02

Tuesday 10/31

Academic Standard # 3.4.10.A & B 3.4.12.A & B

Rigor/Relevance Quadrant **A** **B** **C** **D**

Lesson Objective:

- **Define** ionic bonding and ions molecule and molecular formula.
- **Explain** the relationships among potential energy, distance between approaching atoms, bond length, & bond E.
- **Explain** how to diagram molecular compounds.

Details: -check and review Sample Prob A HW

-Quiz 6.1

-handout: Types of chemical bonds packet & Polyatomic Ion Sheet (aka green sheet) and make flashcards

-Notes on Ionic bonding (part of 6.3) & complete Ionic Bonding WKS 6.3 2nd (front and back) pg of packet (Ag, Fe, Cu and Zn)

Homework: WS 6.3 and study polyatomic ions; work on adopt an element project due date Thursday 11/02

Wednesday 11/01

Academic Standard # 3.4.10.A & B 3.4.12.A & B

Rigor/Relevance Quadrant **A** **B** **C** **D**

Lesson Objective:

- **List** the six basic steps used in writing Lewis structures.
- **Explain** how to determine Lewis structures for molecules containing single bonds..

Details: -check and review WS 6.3

-Quiz on Ionic Bonding & Q 6.3

-Begin notes on covalent bonding (6.2 pp. 178-183) and naming molecular compounds

-complete Covalent bonding WS in packet (back of first page)

-continue notes 6.2 Lewis structures p184-185

-complete WKS 6.4 LDS for Covalent Compounds and Polyatomic Ions

Homework: Molecular compounds ch 6-7 WS; Adopt an element due date 11/2

Thursday 11/02

Academic Standard # 3.4.10.A & B 3.4.12.A & B

Rigor/Relevance Quadrant **A** **B** **C** **D**

Lesson Objective:

- **Define** ionic bonding and ions molecule and molecular formula.
- **List** the six basic steps used in writing Lewis structures.
- **Explain** how to determine Lewis structures for molecules containing single bonds, multiple bonds, or both.

Details: -turn in adopt an element project

-check and review HW

-Notes on Resonance structures

Homework: Resonance WS

Friday 11/03

No School Inservice