

Chemical Bonding and Nomenclature

1. Chemical Bonding

- a) Class Note:** Ionic Bonding and Lewis Diagrams
- b) Class Note:** Covalent Bonding and Lewis and Structural Diagrams
- c) Class Note:** Multiple Covalent Bonds
- d) Class Note:** Bonding with Polyatomic Ions
- e) Quiz:** Representing Ionic and Covalent Compounds
- f) Class Activity and Assignment:** Representing Molecules 3-Dimensionally: VSEPR Theory
- g) Class Note:** Electronegativity and Polar Molecules
- h) Quiz:** Shapes and Polarity of Molecules
- i) Assignment:** Bonding Assignment

2. Nomenclature

- a) **Class note:** Binary and multivalent ionic compounds
- b) **Assignment:** Nomenclature of Binary Ionic Compounds (1)
- c) **Quiz:** Nomenclature of Binary Ionic Compounds
- d) **Class Note:** Polyatomic Ions and Nomenclature
- e) **Assignment:** Nomenclature of Polyatomic Ionic Compounds (2)
- f) **Quiz:** Polyatomic Ions and Nomenclature
- g) **Class Note:** Nomenclature of Binary Acids and Oxyacids
- h) **Class Note:** Nomenclature of Covalent Compounds and Hydrated Compounds
- i) **Quiz:** Nomenclature of All Compounds

3. Review for Test

- a) **Assignment:** Review for Test