



Name: _____



Honors Chemistry: Unit 3 Bonding

Day	Date	Classwork	Homework
1	2/19	After Test Properties of Compounds Inquiry Lab	Reading Guide: Properties of Compounds Types of Bonding Video
2	2/20	Classify Properties on Lab/Chemical Bonding Worksheet (pg 2) Bonding Webquest	Covalent Naming Video
3	2/21	Covalent Naming Practice (pgs 3-4) Naming Ionic Compounds POGIL (pgs 5-8) Practice Ionic Naming (pg 9)	Practice Naming Ionic Compounds (pg 10) Optional - ionic compound naming videos
4	2/22	Quiz: Covalent Naming / Properties of Compounds Ionic Compound Naming Practice Game Mixed Naming Worksheet (pgs 11-12)	Naming Acids Video
5	2/23	Acid Naming POGIL (pgs 13-15) Naming Acids Worksheet (pg 16 - 17) Mixed Naming Practice (pgs 18-20)	Mixed Naming Practice (finish pgs 18-20) Periodic Table Project Due tomorrow!
6	2/26	Quiz: Ionic Naming Mixed Naming Game	
7	2/27 ACT	"The Chemistry of Diamonds" Reading Naming Practice (pgs 21-27)	Lewis Structures Video
8	2/28	Mixed Compound Naming Quiz Lewis Structure Classwork (pgs 28-31 evens only)	VSEPR Theory Polar vs Non-Polar Video
		Fill in shapes(pgs 28-31evens only) Fill in P/NP (pgs 28-31 evens only) CW: Pages 28- 31 odds	VSEPR Pre-lab
10	3/2	Early Release VSEPR Lab	Study for Test
11	3/5	Test 3: Unit 3-Bonding	

Bonding & Chemical Reactions Unit Objectives:

1. Identify the properties of ionic, covalent, and metallic bonds.
2. Write the name of ions.
3. Name ionic compounds given their formulas.
4. Write the formula of ionic compounds given their names.
5. Name covalent compounds given their formulas.
6. Write the formula of covalent compounds given their names.
7. Identify all of the diatomic elements.
8. Identify the bond type given a compound.
9. Draw Lewis structures.
10. Predict the shape of a compound using VSEPR.
11. Determine whether a compound is polar or nonpolar.