Reynolds School District | **Reynolds Jr.-Sr. High School**
Weekly Lesson Plan/Assignments/Homework | **Week of: January 08, 2018**
Teacher: Mrs. Coburn **Subject: Chemistry 1 (3 & 6)** **Grade: 10 - 12**
** Lesson plans are subject to change

Monday 01/08
Academic Standard # 3.4.10.A & B 3.4.12.A & B **Rigor/Relevance Quadrant** (A) (B) C D
Lesson Objective:

- **Explain** the significance of a chemical formula.
- **Determine** the formula of an ionic compound formed between two given ions.
- **Name** an ionic compound given its formula.
- **Write** the formula of a binary molecular compound given its name.

Details:-return and review tests
-**Lab: Ionic Puzzle Pieces review in class together**
-Naming Binary Salts notes review and review Complete WS 1 in packet **Homework:** complete WS #1 in nomenclature HW packet omit ion pairs

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Tuesday 01/09
Academic Standard # 3.4.10.A & B 3.4.12.A & B **Rigor/Relevance Quadrant** A (B) (C) (D)
Lesson Objective: see Monday's objectives
Details: -check and review HW
-Notes Stock System of Nomenclature (Notes on pp. 224 Stock naming system of nomenclature & look green sheet)
-complete WS in packet on Transition Metals & acids
-**Lab: Billions of bottles** **Homework**: complete WS #2 & 3 in nomenclature HW packet omit ion pairs

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Wednesday 01/10
Academic Standard # 3.4.10.A & B 3.4.12.A & B **Rigor/Relevance Quadrant** A B (C) D
Lesson Objective: see Monday's objectives and naming molecular and hydrate compounds
Details: -check and review HW
-Notes on molecular compounds and naming hydrates and all ionic compounds
-complete molecular compounds WS **Homework**: -complete Molecular compounds in Nomenclature HW Packet

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Thursday 01/11
Academic Standard # 3.4.10.A & B 3.4.12.A & B **Rigor/Relevance Quadrant** A B (C) D
Lesson Objective: see Monday's objectives and how to name acids
Details: -check and review HW
-Quiz on nomenclature
-Notes on naming acids **Homework**: -complete naming acid in Nomenclature HW Packet

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Friday 01/12
Academic Standard # 3.4.10.A & B 3.4.12.A & B **Rigor/Relevance Quadrant** A (B) C D
Lesson Objective: see Monday's objectives and

- **List** the rules for assigning oxidation numbers.
- **Give** the oxidation number for each element in the formula of a chemical compound
- **Name** binary molecular compounds using oxidation numbers and the Stock system.

Details:-Check and review naming acids WS
-Quiz on nomenclature all compound types
-Notes on 7.2 Oxidation Numbers pp. 232-234 **Homework**: complete oxidation numbers worksheet (Matter)