***Lesson Plans for the Week of: 1/2/17 Teacher: Hough Course: Chemistry Period: 9***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Elements ofa Lesson | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| Objective/Focus/Essential Question | No school | Pre-CHIonic compounds: naming using polyatomic ionsGo over exam; remediate | CH.5d-f--differentiate between polyatomic ions and monatomic ions--How to name non-binary ionic compounds, given the chemical formula | CH.3c--Write chemical formulas for binary ionic compounds, given only the name of the compound | CH.3a,c,d--Write the chemical formula for non-binary ionic compounds, given the name of the compound |
| Lesson/Act.Type of Presentation |  | Go over exam gradesWhole group:Go over differences between elements, mixtures, and compoundsIndividual:Worksheet: Organize properties into proper categories—mixtures, compounds, elementsIndividual:Students write names and formulas of 6 polyatomic ions: hydroxide, carbonate, phosphate,nitrate, sulfate, and ammonium: memorize for next text and for later usage | Whole group:Review thermal energy equations.Review how to convert from grams to moles.Practice two sample problem.Individual: Practice solving q problems | Individual:Bellwork: Name 5 binary ionic compoundsWhole group:Go over bellwork: Review when to write Roman numerals in names of ionic compoundsIndividual: Student practicePost-practice naming drillIndividual:Students write names and formulas of 6 polyatomic ions: hydroxide, carbonate, phosphate,nitrate, sulfate, and ammonium: memorize for next text and for later usageIntroduce: how to write formula for binary ionic compound, given the name | Whole group:Review previous day’s workAdd: How to write ionic formula for names which have Roman numerals--Meaning of the Roman numeral was included in the lessonIndividual:Student practice writing chemical formula for binary ionic compounds ws 3 #4,7 |
| Evaluation |  |  |  | End of class naming of ionic compounds | Teacher observation and results of student practice |
| Extension/Homework |  |  |  |  | Homework: ws 3 #3,8 practice writing formulas for binary ionic compds |

MATERIALS:

Monday:

Tuesday:

Wednesday: textbook

Thursday: Unit 6 ws3 #3,4,7,8 worksheet

Friday: