Class: Chemistry
Unit: 07 - Chapter 7 Chemical Formulas and Chemical Compounds
Target: 07 - 01 Name compounds and write formulas for chemical compounds.

Score	Description	Student Score
Exceeds Target (Exemplary) ● Deeper more rigorous thinking ● Application to real world use, teach another person, use information to solve problems in a different context, explain connections between ideas, demonstrate a unique insight and/or creative application of skills.	Give common names for compounds. Describe coordination compounds. Name ligands and complex ions.	
Mastery of Target (Application) Can apply target to new information.	Name salts formed from acid/base reactions and identify the acid that formed the salt.	
Proficient in Target ● Expected level of performance for all students ● Consistent and Independent	Name compounds from chemical formulas. Write chemical formulas from compound names. Indicators: ❏ Ionic Compounds - Binary ❏ Multivalent Ions - Stock System ❏ Polyatomic Ions - Compounds with Radicals ❏ Covalent Compounds - Binary Molecular both Greek and Stock Systems ❏ Binary Acids ❏ Oxyacids ❏ Hydrated Salts	
Approaching Proficiency ● Basic learning necessary for foundation of target. ● Recall questions, fact-based skills, basic applications ● Independent, not consistent	Determine whether a compound is ionic or covalent. Give the common names for the radicals. Name binary ionic compounds. List the seven diatomic molecules. Determine the oxidation number for an element in a compound or a radical.	
Needs Development ● With help, can demonstrate some understanding of target		
No Evidence to Measure		

I can name and write the formulas for the seven diatomic elements.
I can name and write formulas for binary ionic compounds.
I can name and write formulas for ionic compounds with multivalent cations using the Stock System.
I can determine the oxidation number of an atom.
I can name and write formulas for compounds with radicals.
I can name and write formulas for covalent compounds using both the Greek and Stock Systems.
I can name and write formulas for binary acids and oxyacids.
I can name the salts formed from acid/base reactions and name the acid that formed the salt.
I can name and write formulas for hydrated salts.