

Comprehensive/Foundations Physical Science Quarter One

Big Idea: Students will successfully be able to distinguish substances based on their chemical and physical properties.

Essential Learning Competency	Teaching Tools and/or Skills Required	Formative Assessments	Summative Assessments (w/Rubrics)
1. Students will be able to classify and record physical and chemical properties of matter. (Ch 2.2 & Ch 3.1)	- Lecture - Videos - Demonstrations Skills: - Identify scientific tools correctly - Read scientific tools accurately - Calculate accurately density, volume - Make observations - Record data accurately - Follow written procedure	- Density Lab - Measurement labs - Measurement Practice Sheets - Density practice problems - Separation of Mixtures Lab - Quizzes	- Written Test - Measuring Lab Practical (Density) - States of Matter Project
2. Students will be able to identify and record chemical and physical changes. (Ch 2.3 & 3.3)	- Lecture - Videos - Demonstrations Skills: - Make Observations - Record Data accurately	- State of Matter Lab - White Powder Lab (demo)	
3. Students will be able to classify matter as an element, compound, or mixture. (Ch 2.1)	- Lecture - Videos - Demonstrations Skills: - Make observations - Record data accurately - Follow written procedure	- Elements, Compounds and Mixtures Lab - Nuts & Bolts Activity - Practice sheets - Quiz	