

Name: _____

Essential Standard

8.P.1 Understand the properties of matter and changes that occur when matter interacts in an open and closed container.

8.P.1.1

8.P.1.2

8.P.1.3

8.P.1.4

Clarifying Objectives

Classify matter as elements, compounds, or mixtures based on how the atoms are packed together in arrangements.

Explain how the physical properties of elements and their reactivity have been used to produce the current model of the Periodic Table of elements.

Compare physical changes such as size, shape and state to chemical changes that are the result of a chemical reaction to include changes in temperature, color, formation of a gas or precipitate.

Explain how the idea of atoms and a balanced chemical equation support the law of conservation of mass.

What are some words above that you know the meaning? Underline them. What is the meaning?

What are some words that you do not know the meaning? Circle them. What can you infer they mean?

What are you looking forward to with the Chemistry unit?