Unit 2: Properties of Matter

Part 1: Atoms and Molecules

1. I can define matter and I know its different forms.
2. I can recognize the basic structure of an atom.
3. I can distinguish between atoms and elements.
4. I can understand the difference between molecules and compounds.

7.2.1.1.2

Part 2: Elements and the Periodic Table

1. I can recognize that all substances are composed of elements.
2. I can identify that elements on the periodic table are organized into groups based on similar properties.
3. I can differentiate between groups and periods and metals and nonmetals.
4. I can identify key information on the periodic table.

7.2.1.1.1

Part 3: Chemical Reactions

1. I can distinguish between a physical and chemical change and I can define a chemical reaction.
2. I can understand that a chemical equation represents a chemical reaction.
3. I can distinguish between the reactants and products in a chemical equation.
4. I can recognize that matter is neither created nor destroyed in a chemical reaction.

7.2.1.1.3