Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Elements, Compounds, and Mixtures Sixth Grade Science

1. **Fusion Book**

Independent Work:

**\_\_\_\_\_Complete Pages 22 – 30 and Page 32.**

Key Concepts:

1. Physical property definition and examples
2. Chemical Property definition and examples
3. Difference between physical and chemical properties

**\_\_\_\_\_Complete Pages 36 - 42**

Key Concepts:

1. Definition of physical change and examples.
2. Definition of chemical change and examples.
3. Law of conservation of mass.

**\_\_\_\_\_ Chemical and Physical Change Gizmo Lab.**

1. Pick up handout and complete. Test when completed
2. **You choose.**

Group and Independent work:

**\_\_\_\_\_ Compare and Contrast Mixtures and Compounds (Google presentation, Poster, Test, Game)**

1. Pick up handout and complete. Test when completed.

**\_\_\_\_\_ Elements: Metals, Non-metals, and Metalloids (Google presentation, Poster, Test, Game)**

1. Pick up handout and complete. Test when completed.
2. **Test on Elements, Compounds, and Mixtures and Review Games**

**\_\_\_\_ Go to Mr. Dadante’s webpage – in the Matter link. Take the practice quiz. The best score out of three attemps.**

**\_\_\_\_\_ Play Matter review games found on Mr. Dadante’s webpage Review Activities: Matter Part 3 Elements, Compounds, and Mixtures.**

**Elements**

**Google slide or poster criteria**

Board and Google presentation Ideas:

**Elements**

* Definition of an element and examples
* Metals, non-metals, metalloids labeled on the periodic table.
* Explain metal, non-metal, and metalloid**.**
* Compare and contrast metals and non-metals.
* 2 pictures other than periodic table.

Help: Page 173-175 in your Fusion Book and Elements HW.

**Compounds and Mixtures**

**Google slide or poster criteria**

Board and Google presentation Ideas:

**Compare and contrast a Mixture and a Compound.**

**Mixtures**

* Definition of a mixture and examples
* 1 Picture
* Devine Solution, Label Solute, Label Solvent
* Clearly explain similarities and differences between a mixture and a compound.

Help with mixtures: Pages 53 – 62 in your Fusion Book and your Mixtures homework

**Compounds**

* Definition of a compound and examples include chemical formula – must know elements in formula.
* 1 Picture
* Clearly explain similarities and differences between a mixture and a compound.

Help with compounds: Use your fusion book pages 52 – 55, and page 215.

**Create your own Elements, Compounds, and Mixtures Test or Game**

**Use google slide and poster ideas to create a test or a game.**

5 multiple choice

3 essay

10 fill in the blank

Must have an answer key

Or

Create a game using the facts learned from the Unit.