Chemistry and Matter Unit

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What is a physical change?
2. Give two examples of physical changes:
3. What is a chemical change?
4. Give two examples of chemical changes:
5. What could you and a partner do to demonstrate to your classmates that you understand a chemical or physical change:
6. What would you need for supplies:
7. Describe how you would do your demonstration:

1)

2)

3)

4)

5)

Science Buddies:

**Physical Properties of a rock**

1. Show your science buddy how to measure the mass of your rock:

Mass=

1. Show your science buddy how to calculate the volume of your rock using the volume displacement method:
2. Can you calculate the density of your rock? How?
3. Describe your rock’s physical appearance:

* Color-
* Size-
* Shape-

1. Is your rock magnetic? Does it react with a magnet?
2. Explain with your buddy why this rock is considered matter:
3. What kind of rock do you think this is?
4. What did they teach you about today?