**1st 6 Week District Test Review**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class Period: \_\_\_\_

***Answer the questions below in your journal (will be able to use in a game on Thursday)***

***Write out the question and the answer, underline the question***

***Resources to Assist with Questions:***

 ***Textbook / Science Journal***

[***www.coachpease.com***](http://www.coachpease.com)[***http://marshscience6.blogspot.com***](http://marshscience6.blogspot.com)

*Gravity*

1. What is gravity?
2. What object in our Solar System has the largest Gravitational pull?
3. What keeps our planets in orbit around the sun?
4. What would happen if the sun was to die out/off to the other planets in our solar system?

*Layers of the Earth*

1. What layer of the Earth do we live on? Explain which one.
2. What layer of the Earth has the strongest gravitational pull?
3. What layer of the Earth contains convection currents? Explain what convection currents are.
4. What layer of the Earth do the tectonic plates float on?

*Rock Cycle*

1. What are the three main types of rocks the rock cycle creates?
2. How are Sedimentary rocks form?
3. How are metamorphic rocks form?
4. How are igneous rocks form?

*Plate Tectonics / Land Formations*

1. Explain what Pangea is.
2. Explain what tectonic plates are.
3. Where two plates meet it is called a \_\_\_\_\_\_\_\_\_\_\_\_\_.
4. At what type of plate boundary do volcanoes form?
5. At what type of plate boundaries do earthquakes form?
6. What tectonic plate do we live on? What continent do we live on?
7. What cause the Saint Andres Fault to form in California?
8. What type of land forms are created at a divergent boundary?
9. What causes an earthquake to happen?

*Atom/Element/Molecule/Compound: Pure Substance/Mixture*

1. What is an atom? Draw an example.
2. What is an element? Draw an example.
3. What is a compound? Draw an example.
4. What is a molecule? Draw an example.
5. What is a pure substance? Draw an example
6. What is a mixture? Draw an example.

*Metals / Non-metals / Metalloids: Properties of Matter*

1. Describe what properties a metal has.
2. Describe what properties a non-metal has.
3. Describe what properties a metalloid has.
4. Compare a silver spoon to a wooden spoon. Based on properties alone what type of elements is the silver spoon and the wooden spoon made out of? Explain.

*Potential / Kinetic Energy*

1. Explain what potential energy is. Give an example.
2. Explain what kinetic energy is. Give an example.