

Name \_\_\_\_\_

Date \_\_\_\_\_

## 2nd Quarterly Assessment Review 8th Grade

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### **Space**

1. How much is Earth tilted on its axis?
2. Explain the difference between rotation and revolution.
3. Explain the difference between a solar and a lunar eclipse.
4. List the order of the planets and explain which planets are terrestrial planets and which are gas giants.

### **Plate Tectonics**

1. Explain the difference between convergent, divergent and transform boundaries.
2. What is subduction?
3. Harry Hess discovered which process that is occurring in the Atlantic Ocean at the mid ocean ridge.
4. Define Continental Drift

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5. The crust and upper mantle is referred to as the \_\_\_\_\_.

6. What is the boundary between two plates called?

## **Natural Disasters**

1. Explain the difference between the focus and epicenter of an earthquake.

2. Which type of earthquake wave is the slowest and most destructive?

3. Explain the most likely way for a volcano to form.

## **Rocks and Minerals**

1. What are the three types of rocks discussed in class and how do they form?

2. Define luster.

3. Should you use only color to identify rocks and minerals?

4. Explain the difference between intrusive and extrusive rock.

5. Explain Mohs scale of hardness.

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## **Weather**

1. What two elements are most abundant in the atmosphere and which one is the most abundant.
2. List the layers of the atmosphere and describe them.
3. Explain the difference between low and high pressure.
4. Define cumulonimbus clouds.
5. Explain the difference between condensation, evaporation and precipitation.
6. Define humidity.