**Greatest Discoveries with Bill Nye: Earth Science** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_

**#1- The Outer Core**

1. The first layer was the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, a skin of rock covering the planet.

**#2- The Inner Core**

1. The core that Lehman had found was the Earth’s \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_.
2. The core that Richard Oldem had discovered turned out to be the Earth’s \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_.
3. At the center of the core, the temperature can be as high as \_\_\_\_\_\_\_\_\_\_ºF, which is 2,000º hotter than the surface of the sun.

**#3- Continental Drift**

1. Pangaea comes from the Greek and means \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_.

**#4- The Sea-Floor is Spreading**

1. When the United States entered the war, \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ was a geology professor at Princeton University.
2. In 1953 a 12,000 mile long mountain range called the \_\_\_\_\_-\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ was discovered in the Atlantic Ocean.
3. Harry Hess had discovered that the seafloor was \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. The process that recycles the crust is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**#5- Plate Tectonics**

1. The surface of the planet is broken into large interconnected \_\_\_\_\_\_\_\_\_\_, that are constantly in motion.
2. The plates are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, they are not \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. A \_\_\_\_\_\_\_\_\_\_\_-\_\_\_\_\_\_ fault is where the plates move by one another.

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