**A green and blue text on a black background

Description automatically generated**

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| --- |
| **Name: *Answer Key - Please note that this key contains possible student responses, and responses will vary. Underlined words indicate words used from the word banks.*** |

**Earthquake Early Warning** - Student Sheet

**Directions**: Complete the sentences below. In the Word Bank you will find keywords that you can use in your sentences.

**Word Bank:**

|  |  |  |  |
| --- | --- | --- | --- |
| shake | pieces of Earth | alert | drop |
| energy | warning | surface | waves |
| stuck together | cover | hold on | move |

**Earthquake Basics**

An earthquake is \_***when the ground shakes and causes things and people to move.***

An earthquake happens because \_***the surface of Earth is broken into pieces that move slowly. The pieces of Earth get stuck together, and then suddenly move. This releases energy that travels as waves which cause things to move.***

**Key Things to Remember to Stay Safe**

The *key things* I need to remember to stay safe if there’s an alert or if I feel shaking are \_\_***to Drop, Cover, and Hold On right away.***

The *most* important thing I learned that I will share with my family is \_\_ ***that we could get an alert that there will be an earthquake. If we do, we need to Drop (or Lock), Cover, and Hold On right away.***

**Earthquakes are Waves of Energy**

**Directions:** Complete the sentences below. In the Word Bank you will find keywords that you can use in your sentences.

**Word Bank:**

|  |  |  |  |
| --- | --- | --- | --- |
| faster | more damaging | move | slower |
| up and down | back and forth | less damaging | waves |

|  |  |
| --- | --- |
| P-waves are \_ ***seismic waves that are less damaging and move faster.***  They cause the material the waves travel through to move \_***back and forth along the direction the waves are traveling.*** | *Draw a model of a p-wave*  *or any of these:* |

|  |  |
| --- | --- |
| S-waves are \_\_***seismic waves that are more damaging and move slower.***  They cause the material the waves travel through to move \_***up and down (perpendicular) to the direction the waves are traveling.*** | *Draw a model of an s-wave*  *or this:* |