



Name: _____	Date: _____	Period: _____
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Earthquake Early Warning Student Worksheet

Earthquake Basics

An earthquake is _____ _____
It's caused by _____ _____ _____

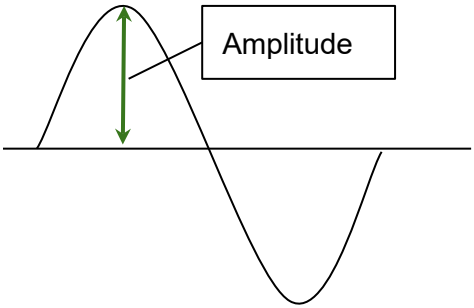
Earthquakes are Waves of Energy

Seismic waves are _____ _____ _____

P-waves _____ _____ _____ _____ Their speed is _____ _____	<i>My model of a P-wave</i>
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S-waves _____ _____ _____ _____ Their speed is _____ _____	<i>My model of an S-wave</i>
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Seismic Waves with Different Amounts of Energy

<p>Wave amplitude is _____ _____ _____</p>	
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<p>Draw a wave with a low amplitude.</p>	<p>Draw a wave with a high amplitude.</p>
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How does the amplitude of the wave affect the amount of shaking?
The greater the amplitude, the _____ the shaking. My evidence is _____

How does the amplitude of the wave change as you get further from the earthquake?
The further you are from the spot the earthquake started, the _____ the amplitude becomes. My evidence is _____

Key Things to Remember

The key things I need to remember to stay safe if there's an alert or if I feel shaking are _____

The most important thing I learned that I will share with my family is _____

