**CER PRACTICE – F4 LESSON 1**

**Question:**

***How do scientists gather information about Earth’s interior?***

CLAIM

ADDITIONAL INFO

**\* earthquakes are used – seismic waves are produced**

*\* seismic waves are vibrations from earthquakes and they move*

**\* measuring the speed of the seismic waves can provide information about the materials inside Earth**

EVIDENCE

(CLASS NOTES)

**\* seismic waves that move at a slow speed are travelling through a less dense material like a liquid**

REASONING

**\* seismic waves that move at a faster speed are travelling through a more dense material like a solid**

CLOSING

**\*measuring the speed of seismic waves helps scientists “see” inside Earth**