**I. I can explain wave properties and behaviors.**

 a. I will name 3 types of waves and identify the parts of a wave.









 b. I will demonstrate behaviors of waves



**II. I can compare the properties of waves to the wavelike property of energy in earthquakes**

 a. I will explain the behavior of “s” waves and “p” waves in earthquakes.



**III. I can compare the properties of waves to the wavelike property of energy in light.**

 a. I will explain how light waves travel as transverse waves.



**IV. I can compare the properties of waves to the wavelike property of energy in sound.**

a. I will describe how sound waves travel through matter.



b. I will describe how sound can be measured as pitch, loudness (volume), frequency, and amplitude.



