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Period	Unit 9 Notes – Earthquakes Earth Science
I.	Earthquakes  a. Carthquakes  b. There are over 1 million earthquakes each year.  c. A major cause of earthquakes is because of torustre.  d. transition - sudden movement of rock along planes of weakness in the Earth's crust.  e. transit - plane of weakness in the Earth's crust.  f. Rock is stressed to the breaking point and the two halves have an rebound.  g. transit - the point where the rock breaks  h. the point on the Earth's surface directly above the
	i. Analysis of seismic waves allows the determination of the location of epicenters.
II.	Earthquake Waves  a. When faulting occurs, vibration called waves spread out in all directions from the focus.  b
IV.	i. Can travel through everything: solids, liquids and gases.  ii. The fastest of the earthquake waves, usually the fine to arrive.  iii. Compressional wave – through the spring.  b. S-Wave (Secondary)  i. Can only travel through (Secondary)  ii. Slower and usually the (Secondary)  iii. Shear wave – makes the letter S.
V.	Earthquake Prediction and Preparedness

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