

Unit 3: Dynamic Earth

	Lecture	Reading	Worksheet	Lab
Earthquakes				
Seismic Waves				
P-Wave				
Pressure Wave				
Travel Time				
S-Waves				
Shear Wave				
Solid Only				
Travel Time				
Siesmographs				
Origin Time				
Triangulation				
Difference P&S Wave Arrival/Travel Times vs. Distance				
Shadow Zones				
Modified Mercalli Scale				
Richter Scale				
Tsunami				
Earth Properties				
Temperatures				
Liquid Outer Core				
Composition				
Crust Densities				
Crust Thickness				
Seismic Data				
Mantle Convection Currents				
Plate Tectonics				
Divergent Fault / Plate Boundary				
Continental Drift / Sea Floor Spreading				
Mid-Ocean Ridge				
Rock Age				
Paleo-environments / habitats				
Magnetic Orientation				
Transform Fault / Plate Boundary				
Convergent Fault / Plate Boundary				
Subduction Zone				
Ocean Trench				
Principle of Original Horizontality				
Uplift / Subsidence				

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	Lecture	Reading	Worksheet	Lab
Folding				
Faulting				
Coorelation btw Earthquake, Volcanoes, Moutains, and Plate Boundaries.				
Hot Spots				
ESRTs				
p.5: Tectonic Plates				
p.10: Inferred Properties of Earth's Interior				
p.11: Earthquake P-Wave & S-Wave Travel Time				