

## Expectations and Outcomes

Grade Level/Course: Geography and Oceanology

Content Area: 9-12

Unit Title	Guarantees
Unit 1: Local Geology	<ul style="list-style-type: none"> <li>• There are four main ingredients in soil; tiny pieces of rock, air, water, and humus.</li> <li>• Soil pH is used to determine how well plants can grow, measuring pH can tell us if any nutrients need to be added.</li> </ul>
Unit 2: Water on Earth	<ul style="list-style-type: none"> <li>• Water affects many different things; rocks and minerals, oceans, etc.</li> <li>• Water can heat up and cool down, this can affect dissolving rates.</li> <li>• Create inference statements based on observations.</li> </ul>
Unit 3: Earth's Interior	<ul style="list-style-type: none"> <li>• Density can affect different things; continental and oceanic plates, buoyancy of objects, etc.</li> <li>• P and S waves can be used to find location of where earthquakes started.</li> </ul>
Unit 4: Why does the Earth look this way?	<ul style="list-style-type: none"> <li>• Physical weathering and Chemical weathering can both affect landforms.</li> <li>• Continental and Oceanic plates have different characteristics that have an effect on landform creation.</li> </ul>
Unit 5: Earth's History	<ul style="list-style-type: none"> <li>• Humans have been around for a short time compared to all of Earth's History.</li> <li>• Radioactive decay is used to date fossils.</li> </ul>