

# Environmental 4th Nine Weeks: Scope and Sequence

<h2>Content Standards</h2>	<b>Dates Taught</b>	<b>% of Students scoring 70% and over</b>	<b>Dates Re-taught (Optional)</b>	<b>Formative and Summative Assessments/ (Any Additional Comments Optional)</b>
<p><b>(7) Identify reasons coastal water serve as an important resource.</b></p> <ul style="list-style-type: none"> <li>Identify types of revenue generated by coastal water areas that directly impact the economy.</li> <li>Classifying biota estuaries, marshes, tidal pools, wetlands, wetlands, beaches, and inlets</li> <li>Comparing components of marine water to components of inland bodies of water</li> </ul>				
<p><b>(8) Identify major contaminants in water resulting from natural phenomena, homes, industry, and agriculture.</b></p> <ul style="list-style-type: none"> <li>Describing eutrophication of water by industrial effluents and agricultural runoffs agriculture.</li> <li>Classifying sources of water pollution as point and non-point.</li> </ul>				
<p><b>(9) Describe land- use practices that promote sustainability and economic growth.</b></p> <ul style="list-style-type: none"> <li>Ex. No-till planting, crop rotation</li> <li>During various types and sources of waste and their impact on the soil   Types- EX. biodegradable , radioactive Sources –pesticides and herbicides</li> <li>Identifying ways to manage waste, including composting, recycling, reusing, and reclaiming</li> </ul>				
<p><b>(10) Describe the composition of soil profiles and soil samples of varying climates.</b></p> <ul style="list-style-type: none"> <li><b>Contrast</b> soil profile and soil sample</li> <li><b>Describe</b> types of soil found in various climates</li> <li>Relate particle size to soil texture and type of sand, silt, or clay</li> </ul>				
<p><b>(11) Describe agents of erosion, including water, gravity, glaciers and wind.</b></p> <ul style="list-style-type: none"> <li>Define erosion and give two examples of an environment showing erosion</li> <li>Differentiate between natural and artificial erosion</li> </ul>				

<ul style="list-style-type: none"> <li>• Describe the methods for preventing soil erosion</li> <li>• Describe methods for preventing soil erosion.</li> </ul>				
<p><b>(12) Identify positive and negative effects of human activities on biodiversity.</b></p> <ul style="list-style-type: none"> <li>• Define biodiversity.</li> <li>• List examples off human activities that affect the biodiversity</li> <li>• Identify endangered or e3xtinct species locally, regionally, and worldwide.</li> <li>• Identify causes for species extinction locally, regionally, and world-wide.</li> </ul>				