

# NOTES- HUMAN IMPACT ON ECOSYSTEMS

THE POSITIVE	
What is a Healthy Ecosystem?	<p>An _____ that contains a wide _____ of _____.</p> <p>It has many different types of _____ and _____.</p> <p>This is known as _____.</p>
Stresses on Ecosystems	<p>Due to the wide _____ of life in _____ ecosystems, they can withstand many more _____ than ecosystems with a _____ biodiversity.</p>
Think Back to Food Webs	<p>If there are a lot of _____ things to _____, removing one species will not cause _____ problems, but if there are _____ a _____ different things to eat, _____ one species may cause the whole food _____ to _____.</p>
Resources	<p>Anything that is _____ by _____ to live.</p> <p>There are _____ types:</p> <ul style="list-style-type: none"> <li>• Renewable</li> <li>• _____</li> </ul>
Renewable Natural Resources	<p>Any resource that can be _____ replaced in a _____ amount of time.</p> <ul style="list-style-type: none"> <li>• Examples:</li> <li>• _____</li> <li>• Wind</li> <li>• _____</li> </ul>
Non-renewable Resources	<p>Any resource that _____ be _____ naturally in a short period of time.</p> <ul style="list-style-type: none"> <li>• Examples</li> <li>• Fossil Fuels</li> <li>• _____</li> <li>• Coal</li> </ul>
Conservation	<p>Humans set aside _____ so it _____ in its _____ state.</p> <ul style="list-style-type: none"> <li>• Examples</li> <li>• _____</li> <li>• _____</li> <li>• Nature Preserves</li> </ul> <p>Green Ways</p> <p>Humans create _____ ways through _____ areas which allow _____ to move _____ from one area to another.</p> <p>_____ have been passed to protect _____ species.</p> <p>_____ and Breeding Programs have been established to _____ species repopulate.</p> <ul style="list-style-type: none"> <li>• Examples</li> <li>• California Condor</li> <li>• _____</li> <li>• _____</li> </ul>

Recycling Programs	<p>Programs have been established to _____ reusing and _____ material.</p> <p>This _____ the amount of _____ produced each year and _____ maintain natural _____.</p>
Organizations	<p>There are many _____ and _____ organizations that try to _____ ecosystems and many organisms from _____.</p> <ul style="list-style-type: none"> <li>Examples: <ul style="list-style-type: none"> <li>_____</li> <li>The Sierra Club</li> </ul> </li> </ul> <p><i>"Leave it as it is. The ages have been at work on it and man can only mar it."</i></p> <p>- _____, 1903</p> <p><i>"We can never have enough of nature."</i></p> <p>- _____, <i>Walden</i>, 1854</p>
THE NEGATIVE	
Negative Effect on Environment by Humans	<p>Pollution</p> <p>A substance that _____ the _____.</p>
Air Pollution	<p>Air pollution – any _____ that _____ in the _____.</p> <p>_____ is air pollution that _____ to _____.</p> <p>Soot, _____, _____, carbon monoxide and _____.</p>
Acid Rain	<p>Caused from the _____ of _____ and industrial plant exhaust and _____.</p> <p>Acid rain _____ nutrients _____ of _____, often leading to _____ of _____.</p>
Water Pollution	<p>_____ and other contaminates _____ with the _____ causing it to become _____ to wildlife.</p>
Soil Pollution	<p>Litter and other _____ that mixes with the _____ causing it to _____ nutrients and _____ be able to sustain life.</p>
Global Warming	<p>An _____ in the greenhouse _____ that surround the Earth which _____ the heat from the sun causing the Earth's _____ to _____.</p>
Why Should We Care	<p>These types of _____ often _____ the organisms that _____ on clean water, air and soil to _____.</p>
Human Impact	<p>This leads to _____ populations, which could cause a _____ in an ecosystem's _____. This could ultimately _____ to the _____ of a variety of species of _____ and animals.</p> <p>_____ globally and _____ locally!!</p>