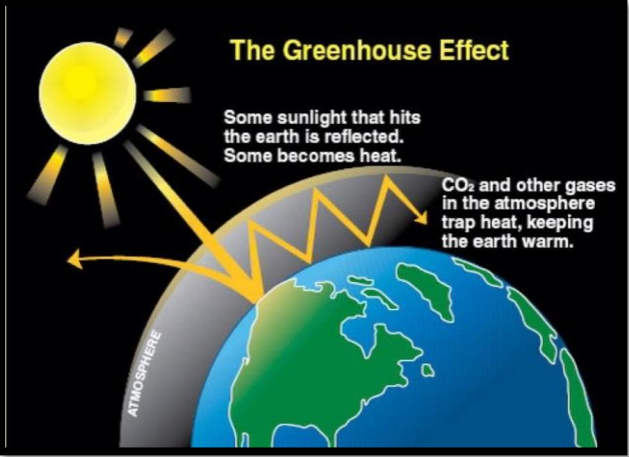






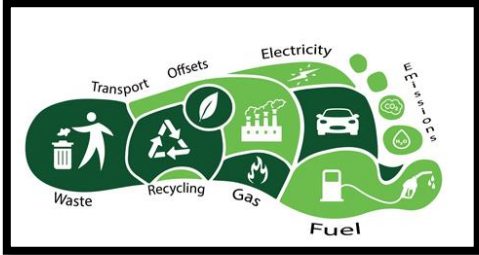







The Greenhouse Effect	Causes of global warming	Actions to combat climate change							
<p>The Greenhouse effect is the natural process by which the earth's atmosphere traps solar radiation, warming the earth enough to support life.</p> <p>Without the natural greenhouse effect, the earth's average temperature would be around -18°C. This would be far too cold to sustain many forms of life.</p> 	<p>Some causes of global warming:</p> <table border="1" data-bbox="763 225 1386 970"> <tr> <td data-bbox="763 225 969 469">Burning of fossil fuels</td> <td data-bbox="969 225 1386 469"></td> </tr> <tr> <td data-bbox="763 469 969 724">Deforestation (cutting down trees)</td> <td data-bbox="969 469 1386 724"></td> </tr> <tr> <td data-bbox="763 724 969 970">Food Production</td> <td data-bbox="969 724 1386 970"></td> </tr> </table>	Burning of fossil fuels		Deforestation (cutting down trees)		Food Production		<p>Your carbon footprint is the amount of carbon dioxide released into the air because of your own energy needs. To help combat climate change, you can consider ways of lowering your carbon footprint:</p>  <ul data-bbox="1464 639 2107 879" style="list-style-type: none"> <li>• Learn the 5 R's: refuse, reduce, reuse, rot, recycle.</li> <li>• Bike more and drive less.</li> <li>• Conserve water.</li> <li>• Eat seasonally, locally, and less meat/dairy.</li> <li>• Switch to sustainable, clean energy.</li> </ul>	
Burning of fossil fuels									
Deforestation (cutting down trees)									
Food Production									
What is global warming?	Effects of global warming		Key Vocabulary						
 <p>Global warming is the increase in temperature of Earth. Human activity is causing more greenhouse gases, which means the temperature is increasing by too much.</p>	<p>Some of the effects of global warming:</p> <ul data-bbox="804 1110 1272 1262" style="list-style-type: none"> <li>• Glaciers melting</li> <li>• Ocean levels will rise</li> <li>• Animals' habitats are changing</li> <li>• Extreme weather conditions</li> </ul> 		<table border="1" data-bbox="1417 1082 2192 1538"> <tr> <td data-bbox="1417 1082 1592 1246"><b>Fossil Fuels</b></td> <td data-bbox="1592 1082 2192 1246">Sources of non-renewable energy, such as coal and gas, formed from the remains of living organisms that were buried millions of years ago.</td> </tr> <tr> <td data-bbox="1417 1246 1592 1410"><b>Greenhouse Gas</b></td> <td data-bbox="1592 1246 2192 1410">Natural and industrial gases, such as carbon dioxide, methane and water vapor, that trap heat from the Earth and warm the surface.</td> </tr> <tr> <td data-bbox="1417 1410 1592 1538"><b>Renewable energy</b></td> <td data-bbox="1592 1410 2192 1538">Energy that is created from sources that can be replenished in a short period of time including wind and solar.</td> </tr> </table>	<b>Fossil Fuels</b>	Sources of non-renewable energy, such as coal and gas, formed from the remains of living organisms that were buried millions of years ago.	<b>Greenhouse Gas</b>	Natural and industrial gases, such as carbon dioxide, methane and water vapor, that trap heat from the Earth and warm the surface.	<b>Renewable energy</b>	Energy that is created from sources that can be replenished in a short period of time including wind and solar.
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