

<b>Factors that make a Planet Habitable</b>	<b>Not Enough of the Factor</b>	<b>Just Right</b>	<b>Too Much of the Factor</b>
<p><b>Temperature</b> Influences how quickly atoms &amp; molecules move</p>		<i>-15C to 115C means that liquid water can exist in the right conditions</i>	
<p><b>Water</b> Dissolves and transports chemicals within and to and from a cell</p>	<i>Chemicals a cell needs for energy and growth are not dissolved or transported to the cell</i>		
<p><b>Atmosphere</b> Traps heat, shields the surface from harmful radiation, and provides chemicals needed for life, such as N and CO2</p>			<i>Causes a runaway greenhouse effect like we see on Venus</i>
<p><b>Energy</b> Organisms use light or chemical energy to run their life processes</p>		<i>Cells can run chemical reactions necessary for life</i>	
<p><b>Nutrients</b> Used to build and maintain an organisms body.</p>	<i>No chemicals – no cellular processes</i>		
<p><b>Albedo</b> Reflects a certain amount of starlight from a planet</p>			<i>The planet will reflect too much radiation and become too cold</i>
<p><b>Protection</b> Life needs protection from harmful solar radiation, as well as from orbit-crossing impactors</p>	<i>Radiation and impactors can reach the surface</i>		
<p><b>Gravity</b> Affects the physiology of living organisms, as well as the amount of atmosphere a planet has</p>		<i>The planet will have the perfect amount of atmosphere</i>	