

<p><b>Hazard Card</b></p> <p><b>Too hot for life!</b></p> <p><i>At about 125°C, molecules in a cell start to break apart.</i></p>	<p><b>Hazard Card</b></p> <p><b>Too cold for cells to work!</b></p> <p><i>The surface temperatures on Mars, Pluto, and the moon are so low that they interfere with the chemical reactions necessary for life.</i></p>	<p><b>Hazard Card</b></p> <p><b>Too hot for liquid water!</b></p> <p><i>Mercury and Venus are so hot that there is no liquid water.</i></p>	<p><b>Hazard Card</b></p> <p><b>No volcanic activity!</b></p> <p><i>Earth, Venus, &amp; Io (maybe Mars) have volcanic activity to circulate chemicals to organisms so they can make carbohydrates &amp; proteins needed to grow.</i></p>
<p><b>Hazard Card</b></p> <p><b>No water cycle!</b></p> <p><i>Earth (possibly Mars, Europa, Titan) has a water cycle to circulate chemicals to organisms so they can make carbohydrates &amp; proteins needed to grow.</i></p>	<p><b>Hazard Card</b></p> <p><b>No water to dissolve and deliver nutrients to organisms!</b></p> <p><i>Earth and Europa (and maybe Mars) have water at or near their surfaces.</i></p>	<p><b>Hazard Card</b></p> <p><b>All the water is frozen!</b></p> <p><i>The surfaces of Mars, Pluto, and the moon are so cold that any water on or near the surface is locked up as ice.</i></p>	<p><b>Hazard Card</b></p> <p><b>Too hard to get chemicals required for life!</b></p> <p><i>The churning atmospheres of the gas planets interfere with an organism's ability to get enough nutrients.</i></p>
<p><b>Hazard Card</b></p> <p><b>No atmosphere to protect against ultraviolet light!</b></p> <p><i>Planets and moons without atmospheres cannot protect their surfaces from ultraviolet light, which damages living tissues.</i></p>	<p><b>Hazard Card</b></p> <p><b>No atmosphere to supply important chemicals!</b></p> <p><i>Earth's atmosphere supplies plants most of the nutrients they need, such as nitrogen &amp; carbon dioxide</i></p>	<p><b>Hazard Card</b></p> <p><b>No atmosphere for insulation!</b></p> <p><i>Earth's atmosphere captures and retains heat, warming the surface.</i></p>	<p><b>Hazard Card</b></p> <p><b>Not enough sunlight!</b></p> <p><i>The outer planets get too little to run photosynthesis.</i></p>