

Backwards Design Template

Stage 1-Desired Results	
<p>Content Standard(s):</p> <p><i>Standard 3 -Flow of Matter and Energy</i></p>	
<p>Understanding(s): <i>Students will understand that . . .</i></p> <p><i>There is a between the basic features of photosynthesis and respiration.</i></p>	<p>Essential Question(s):</p> <p><i>How do living things interact with one another and with the non-living elements of their environment?</i></p>
<p><i>Students will know . . .</i> <i>The formulas for cellular and photosynthesis</i></p>	<p><i>Students will be able to . . .</i> <i>Distinguish the differences in cellular respiration and photosynthesis</i></p>
Stage 2-Assessment Evidence	
<p>Performance Task(s):</p> <p><i>GLE 0707.3.1 Distinguish between the basic features of photosynthesis and respiration.</i></p>	<p>Other Evidence:</p> <p><i>Students will be able to take apart the formulas for cellular respiration and photosynthesis and put them together again.</i></p>
Stage 3- Learning Plan	
<p>Learning Activities:</p> <p><i>Manipulative/Model – Cellular respiration and photosynthesis formulas</i></p>	

Adapted from Grant Wiggins and Jay McTighe-*Understanding by Design*