

## Year B: Science High School (9<sup>th</sup> and 10<sup>th</sup> grades)

	Cycle 1	Cycle 2	Cycle 3	Cycle 4
Theme	Movement	Independence	Transformation	Balance
<p>Connection of Theme to the Needs of the Adolescent. Consider the 7 Gateways.</p> <p><i>(What about your theme sparks interest and excitement between the theme name, curriculum, and you students?)</i></p>	<p>Adolescents are looking for physical movement in their lives and for movement from being dependent on their care givers to being independent.</p>	<p>Adolescents are looking for independence. “Help me think for myself”</p>	<p>From the Seven Gateways the Creative Drive causes the students to want “feel the awe any mystery of creating”</p>	<p>Adolescents are looking for how their new needs and desires for independence can be balanced with the needs of society. How do they balance their needs with society’s needs?</p>
<p>Connections of Theme to Curriculum and Academic Skills</p> <p><i>(How do your standards/scope and sequence connect organically to the theme?)</i></p>	<ul style="list-style-type: none"> <li>How do cells move materials around to function? Cell structures/functions Specialized cells in multicellular organisms.</li> <li>Cross Connection – Math – make a mathematical model to illustrate cell division.</li> </ul>	<ul style="list-style-type: none"> <li>Law of Independent by Mendel as part of the studies on DNA</li> <li>Cross Connection – History - Expanded family trees with a look at genetic inheritance traits.</li> </ul>	<ul style="list-style-type: none"> <li>Evolution and natural selection</li> <li>Cross Connection – Social Studies - How do different cultures and religions view the creation of life?</li> </ul>	<ul style="list-style-type: none"> <li>Human impact on ecosystems ·</li> <li>Cross connection – · Math - Analyzing data on environmental issues.</li> </ul>