

# Journey 2050 Educator Framework

## 2020 Colorado Academic and AFNR Standards

Components of the Journey 2050 program can be leveraged across subjects and curricula. Use the chart below as a guide for recommendations for specific courses or to build and enhance your curriculum using key concepts. A complete framework with standard definitions is available at [www.GrowingYourFuture.com](http://www.GrowingYourFuture.com)

Journey 2050 Level	Key Concepts	AFNR	Middle School Social Studies	Middle School Science	High School Social Studies	High School Science
<b>Level 1: Sustainable Agriculture</b>	<ul style="list-style-type: none"> <li>Sustainability</li> <li>Food Waste</li> <li>Food Security</li> <li>Human Needs</li> <li>Population Growth</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Cluster Skills</b></li> <li>✓ <b>Environmental Service Systems</b></li> <li>✓ <b>Natural Resource Systems</b></li> </ul>		<ul style="list-style-type: none"> <li>✓ <b>Life Science</b> (2.5; 2.7; 2.12)</li> <li>✓ <b>Earth and Space Science</b> (3.6; 3.8; 3.10)</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Geography</b> (2.1; 2.2; 2.3)</li> <li>✓ <b>Economics</b> (3.4; 3.5)</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Life Science</b> (2.2; 2.4; 2.6; 2.13)</li> <li>✓ <b>Earth and Space Science</b> (3.6; 3.7; 3.8; 3.9; 3.10; 3.11; 3.12)</li> </ul>
<b>Level 2: Soil Health</b>	<ul style="list-style-type: none"> <li>Soil Nutrients</li> <li>Plant Health</li> <li>Nutrient Management</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Natural Resource Systems</b></li> <li>✓ <b>Plant Systems</b></li> </ul>		<ul style="list-style-type: none"> <li>✓ <b>Life Science</b> (2.3; 2.6; 2.7; 2.12)</li> <li>✓ <b>Earth and Space Science</b> (3.8; 3.10; 3.11)</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Geography</b> (2.2; 2.3)</li> <li>✓ <b>Economics</b> (3.4; 3.5)</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Life Science</b> (2.1; 2.2; 2.3; 2.4; 2.5; 2.6; 2.13)</li> <li>✓ <b>Earth and Space Science</b> (3.4; 3.7; 3.8; 3.9; 3.10; 3.11; 3.12)</li> </ul>
<b>Level 3: Water</b>	<ul style="list-style-type: none"> <li>Natural Resources</li> <li>Water Conservation and Preservation</li> <li>Population Growth</li> <li>Water Use in Agriculture</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Cluster Skills</b></li> <li>✓ <b>Environmental Service Systems</b></li> <li>✓ <b>Natural Resource Systems</b></li> <li>✓ <b>Plant Systems</b></li> </ul>		<ul style="list-style-type: none"> <li>✓ <b>Life Science</b> (2.7; 2.12)</li> <li>✓ <b>Earth and Space Science</b> (3.6; 3.8; 3.10; 3.11)</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Geography</b> (2.2; 2.3)</li> <li>✓ <b>Economics</b> (3.4; 3.5)</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Life Science</b> (2.4; 2.6; 2.13)</li> <li>✓ <b>Earth and Space Science</b> (3.6; 3.7; 3.8; 3.9; 3.10; 3.11; 3.12)</li> </ul>
<b>Level 4: Economy</b>	<ul style="list-style-type: none"> <li>Economics</li> <li>Trade</li> <li>Markets</li> <li>Supply &amp; Demand</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Cluster Skills</b></li> <li>✓ <b>Agribusiness Systems</b></li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Economics</b> (8.3.1)</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Physical Science</b> (1.10)</li> <li>✓ <b>Earth and Space Science</b> (3.8; 3.10)</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Geography</b> (2.1; 2.2; 2.3)</li> <li>✓ <b>Economics</b> (3.4; 3.5)</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Physical Science</b> (1.10; 1.12)</li> <li>✓ <b>Life Science</b> (2.4; 2.6; 2.13)</li> <li>✓ <b>Earth and Space Science</b> (3.8; 3.9; 3.10; 3.11; 3.12)</li> </ul>
<b>Level 5: Land Use</b>	<ul style="list-style-type: none"> <li>Land use</li> <li>Geography</li> <li>Culture</li> <li>Economy</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Cluster Skills</b></li> <li>✓ <b>Environmental Service Systems</b></li> <li>✓ <b>Natural Resource Systems</b></li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Geography</b> (7.2.1, 7.2.2)</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Life Science</b> (2.5; 2.7; 2.12)</li> <li>✓ <b>Earth and Space Science</b> (3.8; 3.10)</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Geography</b> (2.1; 2.2; 2.3)</li> <li>✓ <b>Economics</b> (3.3; 3.4; 3.5)</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Life Science</b> (2.4; 2.6; 2.13)</li> <li>✓ <b>Earth and Space Science</b> (3.8; 3.9; 3.10; 3.11; 3.12)</li> </ul>
<b>Level 6: Careers</b>	<ul style="list-style-type: none"> <li>Career Exploration</li> <li>Education</li> <li>Career Skills</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Career Ready Practices</b></li> </ul>		<ul style="list-style-type: none"> <li>✓ <b>Life Science</b> (2.7; 2.12)</li> <li>✓ <b>Earth and Space Science</b> (3.8)</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Geography</b> (2.2; 2.3)</li> <li>✓ <b>Economics</b> (3.5)</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Life Science</b> (2.2; 2.6; 2.13)</li> <li>✓ <b>Earth and Space Science</b> (3.9)</li> </ul>
<b>Level 7: Technology</b>	<ul style="list-style-type: none"> <li>Technology</li> <li>Innovations</li> <li>Research</li> <li>Food Security</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Power, Structural and Technical Systems</b></li> </ul>		<ul style="list-style-type: none"> <li>✓ <b>Life Science</b> (2.7; 2.12)</li> <li>✓ <b>Earth and Space Science</b> (3.10)</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Geography</b> (2.2; 2.3)</li> <li>✓ <b>Economics</b> (3.5)</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Life Science</b> (2.6; 2.13)</li> <li>✓ <b>Earth and Space Science</b> (3.8; 3.9; 3.10; 3.11; 3.12)</li> </ul>
<b>Take Action</b>	<ul style="list-style-type: none"> <li>Project Based Learning Activity</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Environmental Service Systems</b></li> <li>✓ <b>Natural Resource Systems</b></li> </ul>		<ul style="list-style-type: none"> <li>✓ <b>Life Science</b> (2.5)</li> <li>✓ <b>Earth and Space Science</b> (3.8; 3.10; 3.11)</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Geography</b> (2.1; 2.3)</li> </ul>	<ul style="list-style-type: none"> <li>✓ <b>Life Science</b> (2.6; 2.13)</li> <li>✓ <b>Earth and Space Science</b> (3.7; 3.8; 3.9; 3.11; 3.12)</li> </ul>