


# Essential Standards for 7th Grade

SOCIAL STUDIES	SCIENCE	ELA	MATH	PATHWAYS
<p>Making a claim and defending it with evidence and reasoning.</p>	<ul style="list-style-type: none"> <li>Develop &amp; use a model to describe the function of a cell.</li> </ul>	<ul style="list-style-type: none"> <li>Cite several pieces of textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.</li> </ul>	<ul style="list-style-type: none"> <li>Analyze proportional relationships in real-world problems.</li> </ul>	<ul style="list-style-type: none"> <li>Critical Thinking</li> </ul>
<p>Causes of events and consequences of events.</p>	<ul style="list-style-type: none"> <li>Construct scientific explanation based on evidence for how environmental &amp; genetic factors influence growth</li> </ul>	<ul style="list-style-type: none"> <li>Analyze elements of a story and how the elements influence each other.</li> </ul>	<ul style="list-style-type: none"> <li>Apply operations of rational numbers (+, -, •, ÷)</li> </ul>	<ul style="list-style-type: none"> <li>Creativity</li> </ul>
<p>Recognize and evaluate continuity and change over time.</p>	<ul style="list-style-type: none"> <li>Apply scientific ideas to construct an explanation for similarities in organisms.</li> </ul>	<ul style="list-style-type: none"> <li>Draw evidence from literary or informational texts to support analysis, reflection, and research.</li> </ul>	<ul style="list-style-type: none"> <li>Use properties of operations to generate equivalent expressions</li> </ul>	<ul style="list-style-type: none"> <li>Communication</li> </ul>
	<ul style="list-style-type: none"> <li>Evaluate competing design solutions for maintaining biodiversity and ecosystem services</li> </ul>	<ul style="list-style-type: none"> <li>Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.</li> </ul>	<ul style="list-style-type: none"> <li>Solve real-life and mathematical problems using numerical and algebraic expressions and equations</li> </ul>	<ul style="list-style-type: none"> <li>Collaboration</li> </ul>