

Drafting Essential Questions



Science

	Overarching Essential Questions	Adapt these questions or generate new ones
Life Science	<p>How do we come to know the natural world and our place in it?</p> <p>How do we classify the things around us?</p> <p>What is the basis of life?</p> <p>How can we prove cells make up living things?</p> <p>How are characteristics of living things passed on through generations?</p> <p>How are form and function related in biology?</p> <p>How do the structure and behavior patterns of organisms enable them to survive?</p> <p>How do organisms survive in harsh or changing environments?</p> <p>How do species change through time?</p> <p>How are new populations developed through natural selection?</p> <p>What are the life cycles of living things?</p> <p>How do living things obtain and use energy?</p> <p>How does energy move? Where does it go?</p> <p>What is a system?</p> <p>How do systems interact?</p> <p>How does an ecosystem respond to change?</p> <p>Is this a healthy place? What's the evidence?</p>	
Physical Science	<p>How are force and motion connected?</p> <p>How do forces affect the motion of an object?</p> <p>How do we measure matter?</p> <p>How and why does matter change?</p> <p>How is energy conserved?</p> <p>How is matter conserved?</p> <p>How do matter and energy relate?</p> <p>What natural phenomena are generated by heat?</p> <p>How and why do machines make work easier?</p> <p>How are energy transformations applied in today's world?</p> <p>What relationships, if any, exist among different kinds of atoms?</p> <p>How are molecules arranged in different states of matter?</p>	