

Physical Science	
Matter	<ul style="list-style-type: none"> • SC.08.PS.01.01 <i>Describe how to measure characteristic properties including boiling and melting points, solubility, and density.</i>
	<ul style="list-style-type: none"> • SC.08.PS.01.03 <i>Use the concept of density to evaluate which objects will float or sink in water.</i>
	<ul style="list-style-type: none"> • SC.08.PS.02.02 <i>Describe processes that will separate the components of physical mixtures.</i>
	<ul style="list-style-type: none"> • SC.08.PS.02.03 <i>Describe events that accompany chemical changes, but not physical changes.</i>
Force	<ul style="list-style-type: none"> • SC.08.PS.03.01 <i>Recognize and describe the motion of an object based on its mass and the force exerted on it.</i>
Energy	<ul style="list-style-type: none"> • SC.08.PS.05.01 <i>Distinguish between the forms of energy including heat, chemical, mechanical, and gravitational potential energy.</i>
	<ul style="list-style-type: none"> • SC.08.PS.06.01 <i>Trace the flow of energy transformations in a system.</i>
	<ul style="list-style-type: none"> • SC.08.PS.06.02 <i>Explain the principle that energy is conserved, neither created nor destroyed.</i>