

Life Science
Organisms
<ul style="list-style-type: none"> <li>• SC.08.LS.01.01 <i>Identify organ systems at work during a particular activity and describe their effect on each other.</i></li> </ul>
<ul style="list-style-type: none"> <li>• SC.08.LS.02.01 <i>Identify differences and similarities between plant and animal cells.</i></li> </ul>
<ul style="list-style-type: none"> <li>• SC.08.LS.02.03 <i>Identify photosynthesis as the process by which plants use the energy from light to make sugars out of carbon dioxide and water, and that this food can be used immediately for fuel or materials or it may be stored for later use.</i></li> </ul>
Heredity
<ul style="list-style-type: none"> <li>• SC.08.LS.03 Describe how the traits of an organism are passed from generation to generation.</li> </ul>
<ul style="list-style-type: none"> <li>• SC.08.LS.03.02 <i>Identify traits inherited through genes and those resulting from interactions with the environment.</i></li> </ul>
<ul style="list-style-type: none"> <li>• SC.08.LS.03.03 <i>Use simple laws of probability to predict patterns of heredity with the use of Punnett squares.</i></li> </ul>
Diversity/Interdependence
<ul style="list-style-type: none"> <li>• SC.08.LS.04.01 <i>Identify that sunlight is the major source of energy in most ecosystems and that energy then passes from organism to organism in food webs.</i></li> </ul>
<ul style="list-style-type: none"> <li>• SC.08.LS.04.03 <i>Differentiate between relationships among organisms including predator-prey, producer-consumer, and parasite-host.</i></li> </ul>
<ul style="list-style-type: none"> <li>• SC.08.LS.04.04 <i>Explain the importance of niche to an organism's ability to avoid direct competition for resources.</i></li> </ul>
<ul style="list-style-type: none"> <li>• SC.08.LS.05.01 <i>Identify and explain how random variations in species can be preserved through natural selection.</i></li> </ul>
<ul style="list-style-type: none"> <li>• SC.08.LS.05.02 <i>Describe how animal and plant structures adapt to environmental change.</i></li> </ul>