

# Food Chain Meets National Science Education Standards

National Science Education Standard	Food Chain Challenge 1 Students will:	Food Chain Challenge 2 Students will:	Food Chain Challenge 3 Students will:
<p style="text-align: center;"><b>Content Standard A</b> Science As Inquiry</p>	<ul style="list-style-type: none"> <li>• Identify scientific questions</li> <li>• Conduct investigations</li> <li>• Formulate &amp; revise scientific explanations</li> <li>• Communicate &amp; defend a scientific argument</li> </ul>	<ul style="list-style-type: none"> <li>• Identify scientific questions</li> <li>• Conduct investigations</li> <li>• Formulate &amp; revise scientific explanations</li> <li>• Communicate &amp; defend a scientific argument</li> </ul>	<ul style="list-style-type: none"> <li>• Identify scientific questions</li> <li>• Conduct investigations</li> <li>• Formulate &amp; revise scientific explanations</li> <li>• Communicate &amp; defend a scientific argument</li> </ul>
<p style="text-align: center;"><b>Content Standard C</b> Life Science</p>	<ul style="list-style-type: none"> <li>• Develop an understanding of matter, energy, and organization in living systems</li> </ul>	<ul style="list-style-type: none"> <li>• Develop an understanding of matter, energy, and organization in living systems</li> <li>• Understand the interdependence of organisms</li> </ul>	<ul style="list-style-type: none"> <li>• Develop an understanding of matter, energy, and organization in living systems</li> <li>• Understand the interdependence of organisms</li> </ul>
<p style="text-align: center;"><b>Content Standard E</b> Science and Technology</p>	<ul style="list-style-type: none"> <li>• Communicate the problem process and solution</li> </ul>	<ul style="list-style-type: none"> <li>• Evaluate the solution and its consequences</li> </ul>	<ul style="list-style-type: none"> <li>• Communicate the problem process and solution</li> <li>• Evaluate the solution and its consequences</li> <li>• Identify the problem</li> <li>• Propose and choose between alternative solutions</li> <li>• Implement a proposed solution</li> </ul>
<p style="text-align: center;"><b>Content Standard F</b> Science in Personal and Social Perspectives</p>	<ul style="list-style-type: none"> <li>• Develop an understanding of the factors influencing population growth</li> </ul>	<ul style="list-style-type: none"> <li>• Develop an understanding of the factors influencing population growth</li> <li>• Understand the effects of limiting factors in an ecosystem</li> </ul>	<ul style="list-style-type: none"> <li>• Develop an understanding of the factors influencing population growth</li> <li>• Understand the effects of limiting factors in an ecosystem</li> <li>• Understand factors that influence environmental quality</li> <li>• Acknowledge natural and human induced hazards</li> </ul>