

## Marketplace for Kids (Project Students) Meet the Following Science Standards and Benchmarks ~ Grade 5

National Content Standards for Entrepreneurship Education	North Dakota Standards and Benchmarks	National Education Science Standards for Students
	<b>Science (December 2004) Grade 5</b>	<b>Grades 5-8</b>
<p><b>Entrepreneurial Skills Actualization</b> A.30 Develop and/or provide product/service</p> <p><b>Marketing Management Product/Service Creation</b> L.01 Explain methods to generate a product/service idea. L.02 Generate product/service ideas. L.04 Determine product/service to fill customer need. L.06 Plan product/service mix. L.10 Build brand/image.</p>	<p><b>Standard 1: Unifying Concepts: Students understand the unifying concepts and processes of science</b></p> <p><b>Models</b> 5.1.1. Use an appropriate model (i.e., drawing, equation, computer program, diagram, or 3-D device) to convey information.</p>	
<p><b>Entrepreneurial Traits/Behaviors Personal Management</b> B. 18 Demonstrate interest and enthusiasm B.21 Demonstrate problem-solving skills</p> <p><b>Entrepreneurial Skills Discovery</b> A.08 Determine feasibility of ideas.</p>	<p><b>Standard 2: Science Inquiry: Students use the process of science inquiry Understandings About Scientific Inquiry</b> 5.2.1. Communicate scientific procedures (i.e., visual display, graph, journal, oral presentation) that enable others to repeat the investigation.</p> <p><b>Abilities Necessary to do Scientific Inquiry</b> 5.2.2. Formulate an explanation supported by data.</p>	
<p><b>Computer Basics/Computer Applications</b> E.07 Use reference materials to access information</p> <p><b>Computer Basics/Computer Applications</b> E.07 Use reference materials to access information</p> <p><b>Computer Basics/Computer Applications</b> E.07 Use reference materials to access information</p> <p><b>Computer Basics/Computer Applications</b> E.07 Use reference materials to access information</p> <p><b>Information Management Technology</b> K. 10 Demonstrate presentation applications K.11 Demonstrate database applications</p>	<p><b>Standard 6: Science and Technology: Students understand relations between science and technology.</b></p> <p><b>Technological Design</b> 5.6.2. Evaluate a product or design using an established criteria.</p>	<p><b>NS.5-8.1 Science as Inquiry</b> As a result of activities in grades 5-8, all students should develop</p> <ul style="list-style-type: none"> <li>• Abilities necessary to do scientific inquiry</li> <li>• Understandings about scientific inquiry</li> </ul> <p><b>NS.5-8.2 Physical Science</b> As a result of their activities in grades 5-8, all students should develop an understanding of</p> <ul style="list-style-type: none"> <li>• Properties and changes of properties in matter</li> <li>• Motions and forces</li> <li>• Transfer of energy</li> </ul> <p><b>NS.5-8.3 Life Science</b> As a result of their activities in grades 5-8, all students should develop understanding</p> <ul style="list-style-type: none"> <li>• Structure and function in living systems</li> <li>• Reproduction and heredity</li> <li>• Regulation and behavior</li> <li>• Populations and ecosystems</li> <li>• Diversity and adaptations of organisms</li> </ul> <p><b>NS.5-8.4 Earth and Space Science</b> As a result of their activities in grades 5-8, all students should develop an understanding</p> <ul style="list-style-type: none"> <li>• Structure of the earth system</li> <li>• Earth's history</li> <li>• Earth in the solar system</li> </ul>

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<p><b>Computer Basics/Computer Applications</b> E.11 Demonstrate basic search skills on the Web</p>		<p><b>NS.5-8.5 Science and Technology</b> As a result of activities in grades 5-8, all students should develop</p> <ul style="list-style-type: none"> <li>• Abilities of technological design</li> <li>• Understandings about science and technology</li> </ul>
<p><b>Entrepreneurial Traits/Behaviors</b> B.15 Evaluate personal capabilities</p> <p><b>Entrepreneurial Processes</b> A.03 Assess global trends and opportunities</p> <p><b>Entrepreneurial Skills</b> <b>Discovery</b> A.01 Explain the need for entrepreneurial discovery</p>	<p><b>Standard 8: History and Nature of Science: Students understand the history and nature of science.</b></p> <p><b>Scientific Knowledge</b> 5.8.1. Recognize that results of similar scientific investigations may turn out differently due to inconsistencies in methods, materials and observations.</p>	<p><b>NS.5-8.6 Personal and Social Perspectives</b> As a result of activities in grades 5-8, all students should develop an understanding of</p> <ul style="list-style-type: none"> <li>• Personal health</li> <li>• Populations, resources, and environments</li> <li>• Natural hazards</li> <li>• Risks and benefits</li> <li>• Science and technology in society</li> </ul> <p><b>NS.5-8.7 History of Nature and Science</b> As a result of activities in grades 5-8, all students should develop an understanding of</p> <ul style="list-style-type: none"> <li>• Science as a human endeavor</li> <li>• Nature of science</li> <li>• History of science</li> </ul>