

## Marketplace for Kids (Project Students) Meet the Following Science Standards and Benchmarks ~ Grade 6

| National Content Standards for Entrepreneurship Education  | North Dakota Standards and Benchmarks  | National Education Science Standards for Students   |
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|  | <b>Science (December 2004)<br/>Grade 6</b>   | <b>Grades 5-8</b>   |
| <b>Entrepreneurial Skills</b><br><b>Discovery</b><br>A.06 Describe idea-generation methods.<br>A.07 Generate venture ideas.<br><b>Concept Development</b><br>A.14 Assess the need to use external resources for concept development.<br><b>Actualization</b><br>A.30 Develop and/or provide product/service.<br><b>Marketing Management</b><br><b>Product/Service Creation</b><br>L.01 Explain methods to generate a product/service idea.<br>L.02 Generate product/service ideas.<br>L.04 Determine product/service to fill customer need.<br>L.06 Plan product/service mix.<br>L.10 Build brand/image. | <b>Standard 1: Unifying Concepts: Students understand the unifying concepts and processes of science.</b><br><br><b>Models</b><br><b>6.1.1.</b> Construct a model to represent concepts, features, or phenomena in the real world (i.e., ocean floor, cell structure). |   |
| <b>Computer Basics/Computer Applications</b><br>E.07 Use reference materials to access information.  |  | <b>NS.5-8.1 Science as Inquiry</b><br>As a result of activities in grades 5-8, all students should develop <ul style="list-style-type: none"> <li>• Abilities necessary to do scientific inquiry</li> <li>• Understandings about scientific inquiry</li> </ul>  |
| <b>Computer Basics/Computer Applications</b><br><br>E.07 Use reference materials to access information.  | <b>Standard 3: Physical Science: Students understand the basic concepts and principals of physical science.</b><br><br><b>Force and Motion</b><br><b>6.3.4.</b> Use simple machines to change forces.  | <b>NS.5-8.2 Physical Science</b><br>As a result of their activities in grades 5-8, all students should develop an understanding of <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>   |
| <b>Computer Basics/Computer Applications</b><br>E.07 Use reference materials to access information.  |  | <b>NS.5-8.3 Life Science</b><br>As a result of their activities in grades 5-8, all students should develop an understanding of <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> |
| <b>Computer Basics/Computer Applications</b><br>E.07 Use reference materials to access information   |  | <b>NS.5-8.4 Earth and Space Science</b><br>As a result of their activities in grades 5-8, all students should develop an understanding of <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>   |
| <b>Computer Basics/Computer Applications</b><br>E.11 Demonstrate basic search skills on the Web.   | <b>Standard 6: Science and Technology: Students understand relations between science and technology.</b><br><br><b>Technological Design</b><br><b>6.6.1.</b> Know that technologies have evolved.<br><b>6.6.3.</b> Know that science and technology are related.       | <b>NS.5-8.5 Science and Technology</b><br>As a result of activities in grades 5-8, all students should develop <ul style="list-style-type: none"> <li>• Abilities of technological design</li> <li>• Understandings about science and technology</li> </ul>   |

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| <p><b>Entrepreneurial Traits/Behaviors</b><br/>B.15 Evaluate personal capabilities</p> <p><b>Entrepreneurial Processes</b><br/>A.03 Assess global trends and opportunities.</p> |   | <p><b>NS.5-8.6 Personal and Social Perspectives</b><br/>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>Entrepreneurial Skills</b><br/><b>Discovery</b><br/>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>People in Science</b><br/>6.8.1. Understand scientists may work alone or in a team in various settings (i.e., industries, laboratories, field work).</p> <p><b>Scientific Knowledge</b><br/>6.8.2. Know scientific advancements sometimes result in new ideas and further advancements.</p> | <p><b>NS.5-8.7 History of Nature and Science</b><br/>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>   |