

*Curriculum Standard One: The student will understand the importance of personal and work-site safety.*

<b>Performance Objective</b>	<b>Critical Attributes</b>	<b>Benchmarks/Assessment</b>
<p>1. The student will demonstrate knowledge of personal safety and safe working practices.</p> <p>2. The student will exhibit a positive attitude about work-site safety.</p>	<p>A. Can the student follow and understand the importance of safety rules?</p> <p>A. Can the student follow machine safety rules?</p>	<ul style="list-style-type: none"> <li>• The student will take and pass a safety test.</li> <li>• The student will wear protective equipment for personal safety.</li> <li>• The student will use machines safely.</li> <li>• The student will observe and obey the safety zones around the machinery.</li> </ul>

**Curriculum Standard Two: The student will be introduced to the mathematical and communication skills in the manufacturing of wood products.**

<b>Performance Objective</b>	<b>Critical Attributes</b>	<b>Benchmarks/Assessment</b>
<ol style="list-style-type: none"> <li>1. The student will learn to read a standard ruler.</li> <li>2. The student will learn to communicate his/her ideas and learn to follow directions while constructing wood projects.</li> </ol>	<ol style="list-style-type: none"> <li>A. Can the student read and use a ruler correctly?</li> <li>A. Can the student follow directions?</li> </ol>	<ul style="list-style-type: none"> <li>• The student will complete a pre and post test.</li> <li>• The teacher will grade project giving points for each correct step completed.</li> </ul>

***Curriculum Standard Three: The student will be introduced to careers, quality, and current technology in the manufacturing industry.***

<b>Performance Objective</b>	<b>Critical Attributes</b>	<b>Benchmarks/Assessment</b>
<p>1. The student will explore various building trades and technology related to the building trades.</p> <p>2. The student will begin to understand the importance of accuracy and quality in producing a product.</p> <p>3. The student will be introduced to new technology in the wood product manufacturing industry.</p>	<p>A. Can the student list and discuss three careers within the building technology trades?</p> <p>A. Can the student identify quality work in projects?</p> <p>A. Can the student discuss some of the new technology in the wood product manufacturing industry?</p>	<ul style="list-style-type: none"> <li>• The student will attend career day or investigate careers. (Maybe visit the Tech Building Academies within the district)</li> <li>• The student will complete a quality wood project to his/her ability using acquired skills.</li> <li>• The student will explain the purpose or function of each of the following: CIM, CAD/CAM.</li> </ul>

***Curriculum Standard Four: The student will be introduced to the tools/machines, materials/supplies, and hardware/fasteners used in the manufacturing of wood products.***

<b>Performance Objective</b>	<b>Critical Attributes</b>	<b>Benchmarks/Assessment</b>
<p>1. The student will learn the names, functions, and safe uses of the tools and machines in the shop lab.</p> <p>2. The student will be introduced to various materials/supplies and hardware/fasteners, glues, and finishes.</p>	<p>A. Can the student identify and safely use the tools and machines in the shop room?</p> <p>A. Can the student name the different types of wood products and hardware used for class projects?</p>	<ul style="list-style-type: none"> <li>• The student will follow safety procedures while using shop tools.</li> <li>• The student will use the correct tools for specific jobs (i.e., router for cutting grooves).</li> <li>• The student will identify wood products and hardware throughout the year.</li> </ul>

***Curriculum Standard Five: The student will be introduced to the print reading, estimating, planning, and layout in the manufacture of wood products.***

<b>Performance Objective</b>	<b>Critical Attributes</b>	<b>Benchmarks/Assessment</b>
<ol style="list-style-type: none"> <li>1. The student will be able to use accurate dimensions when drawing up plans for projects.</li> <li>2. The student will estimate the cost of his/her project.</li> <li>3. The student will understand the planning and layout of his/her project.</li> </ol>	<ol style="list-style-type: none"> <li>A. Can the student create accurate, legible plans?</li> <li>A. Can the student estimate the cost of his/her project?</li> <li>A. Can the student transfer his/her measurements from his/her drawings to his/her pieces of wood?</li> </ol>	<ul style="list-style-type: none"> <li>• The student will submit plans for individual projects.</li> <li>• The student will submit a cost sheet for his/her individual projects.</li> <li>• The student will accurately transfer the project design to pieces of wood.</li> </ul>

***Curriculum Standard Six: The student will begin to learn the procedures and techniques for wood product manufacture.***

<b>Performance Objective</b>	<b>Critical Attributes</b>	<b>Benchmarks/Assessment</b>
<p>1. The student will learn the steps required to constructing a basic wood product.</p> <p>2. The student will complete one class required project and at least one self-selected project.</p>	<p>A. Can the student list the steps in a basic wood project?</p> <p>A. Can the student demonstrate knowledge and skills from his/her first project and use it on the preceding projects?</p>	<ul style="list-style-type: none"> <li>• The student will demonstrate correct wood construction procedures while creating individual projects.</li> <li>• The student will complete one self-selected project, which utilizes skills developed in the construction of the required class project.</li> </ul>