

# WOODWORKING TECHNOLOGY AGENDA

Week 4 December

| Date  | Classwork  | Homework   |
|---|--|--|
| Monday  | <ul style="list-style-type: none"><li>• File &amp; Sand Golf Tee Game</li><li>• Turn in Golf Tee Game</li></ul>                                    | None   |
| Tuesday   | <ul style="list-style-type: none"><li>• File &amp; Sand Golf Tee Game</li><li>• Turn in Golf Tee Game</li><li>• Penny Hockey Board Notes</li></ul> | None   |
| Wednesday   | <ul style="list-style-type: none"><li>• Paint Board and Rails</li></ul>  | None   |
| Thursday  | <ul style="list-style-type: none"><li>• Paint Board and Rails</li><li>• Begin Gluing</li></ul>   | None   |
| Friday  | <ul style="list-style-type: none"><li>• Paint Board and Rails</li><li>• Assemble Penny Hockey Board</li></ul>                                      | None   |
| This week I need to: Sand, paint, and assemble my penny hockey board. |  | I'll know I'm done if: All my sides are smooth and painted, and the board is assessment correctly. (All corners meet, pegs in correct location.) |

# Weekly Learning Objectives & Content Standards

## December Week 4

| Learning Target/Standard   | Performance Task  | Success Criteria  |
|--|---|---|
| <p><b>B. Basic Drawing Skills <i>Drafting 151301</i></b></p> <ol style="list-style-type: none"> <li>1. Identify and use tools and equipment</li> <li>2. Read and transfer measurements</li> <li>3. Demonstrate sketching techniques (e.g. freehand lettering)</li> <li>4. Demonstrate entry level skills (e.g. drafting by hand, working with triangles, and working with T-square)</li> <li>5. Demonstrate basic layout drawing (e.g. borders and information blocks)</li> <li>6. Use geometric construction principles</li> </ol> <p>Demonstrate the proper use of drawing instruments and equipment</p>   | <p>Students will need to need to properly use measuring instruments (squares, t-squares, bench rulers, etc.) to lay out a drilling pattern using given measurements for their penny hockey board.</p> | <ul style="list-style-type: none"> <li>● Hole pattern is successfully created on the students workpiece. Students will self assess before moving on to next aspect of project.</li> </ul>             |
| <p><b>B. Read Prints <i>Wood Technology Design 48.070</i></b></p> <ol style="list-style-type: none"> <li>1. Read basic blueprints and engineering drawings</li> </ol> <p><b>C. Demonstrate use and care of hand tools associated with craft/project</b></p> <ol style="list-style-type: none"> <li>1. Demonstrate proper storage of tools</li> <li>2. Demonstrate ability to properly select and use tools</li> <li>3. Demonstrate ability to select and use measuring devices (e.g. calipers, meters, squares, etc).</li> <li>4. Demonstrate understanding of machine operations</li> <li>5. Demonstrate critical thinking in use and care of hand tools associated with craft/project</li> </ol> | <p>Students will safely and properly use the tools and machines in the shop to secure and drill the necessary holes on their penny hockey board. (Jorgenson &amp; C-Clamps, and Drill Press)</p>      | <ul style="list-style-type: none"> <li>● The student will successfully and safely drill the holes based on their drill pattern. Students can check for accuracy before proceeding if desir</li> </ul> |
| <p><b>D. Demonstrate basic fabrication techniques</b></p> <ol style="list-style-type: none"> <li>1. Demonstrate fastening methods of wood</li> <li>2. Understand type and strength of wood</li> </ol>  | <p>Student will use proper clamping technique to assemble the side and end rails of their penny hockey board. (Glue and bar clamps)</p>   | <ul style="list-style-type: none"> <li>● Side rails and end rails will be securely fastened to the edges of the penny hockey board by using proper gluing and clamping techniques.</li> </ul>         |

*\*State of Michigan CTE Content Standards Covered: **15.1301 Drafting and Design Technology, Wood Technology Design 48.070***