



# JC Schools Woodworking II Yearly Standards

Overarching Standards		
<b>9-12.WW.LO.01</b> Recall and follow safety rules in the basic operations of hand and power tools.		
Units	Priority Standards	Supporting Standards
<b>Unit 1</b>  Shop Knowledge  9 Days	<b>9-12.WW.LO.25</b> Review careers relating to the woodworking industry.  <b>9-12.WW.LO.03</b> Identify and describe the different woods used in the woodworking industry.  <b>9-12.WW.LO.04</b> Discuss the different types of fasteners in woodworking.	<b>9-12.WW.LO.05</b> Evaluate the proper uses for each fastener and why they are important to the industry.
<b>Unit 2</b>  Industrial Math  9 Days	<b>9-12.WW.LO.06</b> Apply previous knowledge of adding and subtracting fractions to solve practical problems.  <b>9-12.WW.LO.07</b> Recall and demonstrate basic measuring and layout tools used by the industry.	<b>9-12.WW.LO.08</b> Demonstrate an understanding of metric and standard measuring.  <b>9-12.WW.LO.26 (New)</b> Review steps used in measuring board feet.
<b>Unit 3</b>  Machine Tools	<b>9-12.WW.LO.14</b> Utilize machine tools to assemble a project.  <b>9-12.WW.LO.21</b> Utilize sanding and finishing techniques on a project.	<b>9-12.WW.LO.15</b> Demonstrate proper handling and care of machine tools.  <b>9-12.WW.LO.16</b>

40 Days		<p>Identify and explain major machine tools used in the industry and distinguish the difference between them.</p> <p><b>9-12.WW.LO.22</b> Identify different grades of abrasives.</p> <p><b>9-12.WW.LO.23</b> Demonstrate correct sanding techniques to prepare wood for a finish.</p> <p><b>9-12.WW.LO.24</b> Identify the most common finishes used in woodworking.</p>
<b>Unit 4</b>  Lathe  26 Days	<p><b>9-12.WW.LO.18</b> Utilize the lathe to assemble a project.</p> <p><b>9-12.WW.LO.21</b> Utilize sanding and finishing techniques on a project.</p>	<p><b>9-12.WW.LO.19</b> Demonstrate the proper techniques used while operating the lathe.</p> <p><b>9-12.WW.LO.20</b> Identify and explain the major parts of the lathe.</p> <p><b>9-12.WW.LO.22</b> Identify different grades of abrasives.</p> <p><b>9-12.WW.LO.23</b> Demonstrate correct sanding techniques to prepare wood for a finish.</p> <p><b>9-12.WW.LO.24</b> Identify the most common finishes used in woodworking.</p>