

Woodworking

Woodworking 1 Resources

[Essential Curriculum](#) | [Curriculum Guide](#) | [CTE Competencies and Performance Standards](#) | [CTE Safety](#)

Resource Key: **Red (Presentation)** | **Blue (Document)** | **Green (Video)** | **Purple (Web Link)**

Pre and Post Assessments

Pre-Assessment (2 day project / 1 Day Gallery Walk) 1st week

Organizational Device Pre-Test

- [Pre-assessment Presentation Template](#)
- [CTE Rubric Pre-Assessment](#)

Post-Assessment

- [CTE Rubric Pre-Assessment](#)

Generic Woodworking Rubric & Assessment

Assessment Tools

- [Collecting Rubric Data Through Google Forms](#) - Go to File, Make a copy. (Teacher use this to get student feedback on what they feel the deserved.)

Steps in developing in customizing a rubric

- Locate the [Career and Technical Education Rubric](#)
- [Open a Blank Template](#) (This will ask you to make a copy for yourself!!) It is intended for you to open it up and customize the rubric and select the performance standards that work for you.
 - Example: [Leaning Tower Pre-Assessment Rubric](#)
- [Entering Data](#)

Woodworking

Unit 1: Introduction to Woodworking (20+ Days)

<u>L 1 - Safety</u> • CTE Safety <u>Safety Overview</u> • Doc To keep track of Safety Test ◦ Explaining the Doc above	<u>L 2 - Tool Identification</u> • Woodworking with Hand Tools • Woodworking with Power Tools • Tool Identification Worksheet • How to Use a Wood Chisel	<u>L 3 - Board Squaring Sequence</u> <u>New Squaring Rough Lumber</u> • Notes Worksheet (New Squaring Rough Lumber) • Squaring A Board Test ◦ Squaring A Board Test Answer KEY <u>Board Squaring Sequence Squaring/Wood Preparation</u> • Notes Worksheet • What kind of wood should I build with
Socratic Safety Tests Socratic Safety Test Teacher Guide Safety Checklist		
<u>Projects for Unit 1</u> • ToolBox • Planning Sheet		
<u>Formative Assessment Kahoots</u> • General Safety		

Woodworking

Unit 2: Project Fundamentals (15+ Days)

<u>L 1- Measurement & Layout</u> • Measuring and Marking Tool Review if necessary ◦ Measurement Peardeck ◦ Measuring Review - Quizizz • Measurement Presentation • Reading Wood Grain	<u>L 2 - Using Working Drawings</u> • Types of Drawings • Reading Shop Drawings • Plan of Procedure • Planning Sheet
<u>L 3- Joinery</u> • Joints and Grain Direction ◦ 7 Joints you can make easily • Joinery Decisions • Clamping & Gluing • Fasteners • Joint Types • How to Make Rabbet Joints	<u>L 4- Finishes</u> • Abrasives ◦ Sanding Tips and Tricks • Preparing Surface • Applying Finish • Finish Types (3:20 min) • How to Stain and Finish Wood

<u>Projects for Unit 2</u> <u>Recommended Projects</u> • Clipboard Project • Cutting Board/Serving Tray • Side Project	• Mail and Key Organizer • Pizza Peel (Needs a lot of Jigs and Fixtures) • Checker Board Style Cutting Boards • Charging Station • Blu Ray Stand
---	--

Woodworking

Unit 3: Design and Planning (20+ Days)

<u>L 1 - Design Process</u> • 8 Step Design Process • Planning Sheet	<u>L 2 - Board Feet Calculation</u> • Board Feet Calculations • Board Feet Pear Deck • Board Feet Worksheets
Projects for Unit 3 • Weight Supporting Display Device	Alternative Assignments • Jewelry Box - Design Brief • Manufacturing Unit • Mail and Key Organizer

Unit 4: Independent /Guided Practice (20+ Days)

• Contractors Choice Project • Jewelry Box • PBL PROJECT Marble Maze	
--	--

Extra Resources

<u>Teacher Records</u> Lab Fee Collection Safety Test and Demo Records Current Wood Prices (6/29/2017) Construction Terms Glossary Kickback Demonstration	Making Half-Lap Joints Cutting Stopped Dados Additional Projects • Bowl and Spindle Turning Techniques • Coinhole Boards - Mini Cornhole
CNC RESOURCES PRESENTATION CNC/Easel Software Directions	CNC Version of Marble Maze CNC Stool Project

Woodworking

Woodworking 2/3/4 resources

[Essential Curriculum 2](#) | [Essential Curriculum 3 & 4](#) | [Curriculum Guide](#) | [Career Ready Practices Rubric](#) | [CTE Safety](#)

Resource Key: **Red** (Presentation) | **Blue** (Document) | **Green** (Video) | **Purple** (Web Link)

Unit :

L 1 - Safety CTE Safety Safety Overview	Planning Sheet	Wood 2 - 1st Project
<i><u>Projects</u></i> Community Project 2x4 Challenge Manufacturing Unit Holiday 3-D Bandsaw Deer Plans - Bandsaw Deer Demo Video		
<i><u>Resources</u></i> Additional Woodworking Ideas		