

Carpentry Frameworks Based Lesson Plan
Framing Ceilings and Rafters 2.H.04

Course: Carpentry	Grade: 9-12
Instructor:	CIP Code: 460201
Unit: Unit 6	Title: Ceiling Framing
<p>Knowledge, Content and Skills: Students will be able to: identify the components of a ceiling, layout methods, and how to cut and install ceiling joists.</p> <p>Performance objective: Toe-nail ceiling joists to the exterior and interior bearing walls and reinforce joists.</p>	
<p>Competency: 3. Demonstrate use of appropriate personal safety equipment and proper use of emergency equipment. 9. Demonstrate proper safety and use of hand tools. 10. Demonstrate proper use and safety of common power tools. 17. Identify components of wall and ceiling layout.</p>	
<p>Common Core: Listening: Students will demonstrate the ability to listen and view critically for variety of purposes. Reading Informational Texts Competency: Students will demonstrate the ability to comprehend, analyze and critique a variety of increasingly complex print and non-print informational texts.</p>	
<p>Tools, supplies and reference materials: Create a material list using page 325 and add items needed to finish the playhouse as desired, e.g. roofing materials, siding, etc. Career Connection Book 3 pages: 228-249.</p>	
<p>Methods of instruction: Demonstration on crowning a joist, cutting the HAP, layout and installation of ceiling joists, and reinforcing</p>	
<p>Task analysis or activities: Students will work in small groups to complete the layout, measurement and installation of ceiling joists, then reinforce the joists and secure the partitions.</p>	
<p>Evaluation: Students will be graded on their use of time, safety methods, quality of work, cleaning and organization of their work area, interaction with other students, and employability skills. Project evaluation is on pages 248-249.</p>	
<p>Instructors Notes:</p>	