

Carpentry Lesson Plan

Course: Carpentry	Grade: 9-12
Instructor:	CIP Code: 460201
Unit: Book 2 Projects	Title: Playhouse
<p>Knowledge, Content and Skills: Students will be able to: identify the tools and materials and processes needed to complete the playhouse project, while maintaining a safe working environment.</p> <p>Performance objective: Create a cut list, identify materials and fasteners, follow directions, read working drawings, use and maintain the following tools: tape measure, pencil, combination square, framing square, circular saw, hand saw, drill, hammer, clamps. Fabricate the parts for each framing system and assemble a playhouse.</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 and demonstrate how to cut studs, trimmers, cripples and headers to dimension to build wall sections. 18. Identify roof framing members and demonstrate how to erect rafters or trusses and apply roof sheathing.</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 2 Chapter 7 pages: 325-357.</p>	
<p>Methods of instruction: Demonstrate how to frame each system, i.e. floor, wall, roof. Students can work in small groups to complete a portion of the playhouse and then assemble all the parts together, using the Career Connections Book 2 Chapter 7 and following the instructions. Estimated time: 50-60hrs. Number of students: 10-15</p>	
<p>Task analysis or activities: Students will work in small groups to complete each of the framing activities needed to fabricate the playhouse. Students will practice working together to complete all activities and helping each other as they progress toward completion of the playhouse</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. The Playhouse project evaluation is on page 358-359.</p>	
<p>Instructors Notes:</p>	



Carpentry Lesson Plan

--