

Anoka-Hennepin Secondary Curriculum Unit Plan

Department:	Technology Education	Course:	Carpentry for the Future Homeowner	Unit Title:	Construction Principles: Floor Systems	Grade Level(s):	9-12
Assessed Trimester:		Pacing:	3-5 Days	Date Created:		Last Revision Date:	11/2014

Course Understandings: <i>Students will understand:</i> <ul style="list-style-type: none"><li>Different foundation, floor, wall and roof systems and how they are constructed.</li></ul>
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DESIRED RESULTS (Stage 1) - WHAT WE WANT STUDENT TO KNOW AND BE ABLE TO DO?

Established Goals	
Minnesota State/Local/Technology Standard(s) addressed: <ul style="list-style-type: none"><li>Standards for Technological Literacy Chapters 3, 6 and 7</li></ul>	
Transfer	
Students will be able to independently use their learning to: (product, high order reasoning) <ul style="list-style-type: none"><li></li></ul>	
Meaning	
Unit Understanding(s): Students will understand: <ul style="list-style-type: none"><li>What are the different types floor support systems</li><li>How to frame a floor</li></ul>	Essential Question(s): Students will keep considering: <ul style="list-style-type: none"><li>What holds my floor up?</li><li>How strong is the floor in my home?</li><li>What are floor trusses? I Beams?</li><li>What is the best floor system?</li></ul>
Acquisition	
Knowledge - Students will: <ul style="list-style-type: none"><li>Know the different types of floor systems</li><li>Know the materials used in floor framing</li></ul> Reasoning - Students will: <ul style="list-style-type: none"><li></li></ul>	Skills - Students will: <ul style="list-style-type: none"><li>Correctly identify different floor construction</li><li>Identify different floor trusses</li><li>Describe the type of material used in sub floors</li></ul>

Common Misunderstandings <ul style="list-style-type: none"><li>What misunderstandings are predictable?</li><li>They are all the same</li></ul>	Essential new vocabulary <ul style="list-style-type: none"><li>Floor truss</li><li>Floor joist</li><li>Girders and beams</li><li>Posts and columns</li><li>Bridging/blocking</li></ul>
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