

Anoka-Hennepin Secondary Curriculum Unit Plan

Department:	Technology Education	Course:	Carpentry for the Future Homeowner	Unit Title:	Construction Principles: Stairs	Grade Level(s):	9-12
Assessed Trimester:		Pacing:	2-3 Days	Date Created:		Last Revision Date:	11/2014

Course Understandings: <i>Students will understand:</i> <ul style="list-style-type: none"><li>How stairs work in residential construction.</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 of stairs?</li><li>How to layout a stair stringer</li></ul>	Essential Question(s): Students will keep considering: <ul style="list-style-type: none"><li>How are stairs made?</li><li>Who figures them out?</li><li>Could I really do this myself?</li></ul>
Acquisition	
Knowledge - Students will: <ul style="list-style-type: none"><li>Understand stair components</li></ul> Reasoning - Students will: <ul style="list-style-type: none"><li></li></ul>	Skills - Students will: <ul style="list-style-type: none"><li>Recognize types of stair systems</li><li>Define and Identify basic stair parts and terms</li><li>Lay out a stair stringer</li><li>Determine the number of steps needed in a given run</li></ul>

Common Misunderstandings <ul style="list-style-type: none"><li>Too difficult to figure out</li></ul>	Essential new vocabulary		
	<ul style="list-style-type: none"><li>Stair well</li><li>Stringer</li><li>Riser</li></ul>	<ul style="list-style-type: none"><li>Landing</li><li>Rise</li><li>Tread</li></ul>	<ul style="list-style-type: none"><li>Nosing</li><li>Run</li></ul>