

Anoka-Hennepin Secondary Curriculum Unit Plan

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

Course Understandings: <i>Students will understand:</i> <ul style="list-style-type: none">Various types plumbing fixture and how to install and maintain them.

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">Standards for Technological Literacy Chapters 3, 6 and 7	
Transfer	
Students will be able to independently use their learning to: (product, high order reasoning) <ul style="list-style-type: none">	
Meaning	
Unit Understanding(s): Students will understand: <ul style="list-style-type: none">How to install plumbing fixturesHow to choose the correct plumbing fixtures	Essential Question(s): Students will keep considering: <ul style="list-style-type: none">What are the different types of toilets?What are the different types of sinks and faucets?How do I unclog a drain?
Acquisition	
Knowledge - Students will: <ul style="list-style-type: none">Know how to choose the correct faucet for a given sinkKnow how to correctly install a toiletKnow how to correctly install a sink and faucetKnow how to correctly install a P-trap Reasoning - Students will: <ul style="list-style-type: none">	Skills - Students will: <ul style="list-style-type: none">Correctly install a sink and faucetReplace a P-trapCorrectly install a toiletSolder a copper pipeCorrectly install PEX pipeIdentify the hot and cold water pipes

Common Misunderstandings <ul style="list-style-type: none">Plumbing is way too difficult for the average home owner	Essential new vocabulary		
	<ul style="list-style-type: none">P-trapPlummer’s putty	<ul style="list-style-type: none">Pipe solderPEX pipe	<ul style="list-style-type: none">PVC pipeSupply linesVent stacks