

Anoka-Hennepin Secondary Curriculum Unit Plan

Department:	Technology Education	Course:	Carpentry for the Future Homeowner	Unit Title:	Insulation and Weatherproofing	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">Different types of insulation and how to weatherize a house.
--

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 increase the insulation in a houseHow to weatherproof a house	Essential Question(s): Students will keep considering: <ul style="list-style-type: none">What do I need to do to make my house weather proof?How can I increase the R value of a house
Acquisition	
Knowledge - Students will: <ul style="list-style-type: none">Know how to choose the correct caulkKnow what to look for in weatherization breakdownsKnow how to correctly install insulation Reasoning - Students will: <ul style="list-style-type: none">	Skills - Students will: <ul style="list-style-type: none">Choose and apply chalkingCorrectly install insulationIdentify water infiltration problems and choose the corrective action neededIdentify and implement energy saving improvements to a house

Common Misunderstandings <ul style="list-style-type: none">There is nothing I can do to increase the energy efficiency of my house	Essential new vocabulary <ul style="list-style-type: none">Air infiltrationFiberglass insulationPolystyrene insulationVapor barrierR Value
--	--