

Anoka-Hennepin Secondary Curriculum Unit Plan

Department:	Technology Education	Course:	Carpentry for the Future Homeowner	Unit Title:	Decks, Patios and Driveway: Concrete and Asphalt	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">The maintenance required for concrete and asphalt and constructing a concrete walkway.

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">The maintenance requirements of concreteThe maintenance requirements of asphaltThe different types of sealant productsHow to make a concrete walkway	Essential Question(s): Students will keep considering: <ul style="list-style-type: none">What are the maintenance requirements of concrete?What are the maintenance requirements of asphalt?Are all products for maintaining the surface the same?Can I make my own concrete walkway?
Acquisition	
Knowledge - Students will: <ul style="list-style-type: none">Understand the process of maintaining a concrete surfaceUnderstand the process of maintaining an asphalt surfaceKnow how often is maintenance requiredKnow how to mix, pour and finish a concrete surface Reasoning - Students will: <ul style="list-style-type: none">	Skills - Students will: <ul style="list-style-type: none">List the steps necessary when sealing a drivewayList the steps necessary when sealing a concrete walkway or drivewayList the steps needed to make a concrete walkway

Common Misunderstandings <ul style="list-style-type: none">Concrete and Asphalt surfaces are maintenance free	Essential new vocabulary <ul style="list-style-type: none">WaterproofingCrack fillerSealantConcrete mix
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