

Anoka-Hennepin Secondary Curriculum Unit Plan

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

Course Understandings: <i>Students will:</i> <ul style="list-style-type: none">Identify different types of electrical devices and how to correctly install them.
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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">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 electrical devicesThat there are different wire sizesThe need for electrical codes	Essential Question(s): Students will keep considering: <ul style="list-style-type: none">Can I install my own electrical devices?What type of electrical devices is needed in a given area of a house?
Acquisition	
Knowledge - Students will: <ul style="list-style-type: none">Know how to install an outletKnow how to install switchesKnow how to install a GFCI outletKnow where to find and how to follow the electrical code Reasoning - Students will: <ul style="list-style-type: none">	Skills - Students will: <ul style="list-style-type: none">Correctly install the following electrical circuits:OutletsGFCI outlet3 way switchSingle pole switchCircuit breakerLight fixtureCeiling fanExterior light fixture

Common Misunderstandings <ul style="list-style-type: none">Electrical work is extremely difficult	Essential new vocabulary <ul style="list-style-type: none">Wire gaugeGFCI outletArc fault circuit breakerCircuit breakerShort circuitAmps
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