DESE Model Curriculum

COURSE INTRODUCTION: Carpentry

Carpentry courses provide information related to the building of wooden structures, enabling students to gain an understanding of wood grades and construction methods and to learn skills, such as: laying sills and joists; erecting sills and rafters; applying sheathing, siding, and shingles; setting door jambs; and hanging doors. Carpentry courses may teach skills for rough construction, finish work, or both. Students learn to read blueprints, draft, use tools and machines properly and safely, erect buildings from construction lumber, perform finish work inside of buildings, and do limited cabinet work.

The units in this course are:
1. Materials and Tools
2. Concrete and Framing
3. Weatherproofing
4. Interior Finishing

GRADE LEVEL/UNIT TITLE: 9-12 / Carpentry — Interior Finishing   Course Code: CONSTRUCTION

UNIT DESCRIPTION: (4 of 4) Interior Finishing	SUGGESTED UNIT TIMELINE: 3 lessons
These lessons are designed to give students an understanding of and experience with interior finishing in simple residential buildings.	Lesson 1: Drywall Installation
	Lesson 2: Drywall Finishing
	Lesson 3: Doors, Trim, and Cabinets
	CLASS PERIOD (min.): 90 minutes each

ESSENTIAL QUESTIONS:
1. How does drywall fulfill a variety of requirements?
2. How is drywall installed?
3. What are the different ways of finishing drywall?
4. How is damaged drywall repaired?
5. What purposes do interior doors, trim, and cabinets serve? How?
6. How are interior doors, trim, and cabinets selected and installed?

ESSENTIAL MEASURABLE LEARNING OBJECTIVES	CCSS LEARNING GOALS (Anchor Standards/Clusters)	CROSSWALK TO STANDARDS				
		GLEs/CLEs	PS	CCSS	NCCER	DOK
1. Demonstrate their knowledge of terms and concepts associated with drywall installation and finishing, doors, trim, and cabinets.				RI.9-10.4 RI.11-12.4 RST.9-10.4 RST.11-12.4 RST.11-12.9 L.9-10.1 L.9-10.2 L.9-10.4 L.9-10.6 L.11-12.1 L.11-12.2 L.11-12.4 L.11-12.6	27205-07 27206-07 27208-07 27210-07 27211-07	Level 1
2. Demonstrate their knowledge of methods for installing and finishing drywall and installing doors, trim, and cabinets.				RI.9-10.4 RI.11-12.4 RST.9-10.4	27205-07 27206-07 27208-07	Level 1

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| | | | | RST.11-12.4
RST.11-12.9
L.9-10.1
L.9-10.2
L.9-10.4
L.9-10.6
L.11-12.1
L.11-12.2
L.11-12.4
L.11-12.6 | 27210-07
27211-07 | |

ASSESSMENT DESCRIPTIONS*: (Write a brief overview here. Identify Formative/Summative. Actual assessments will be accessed by a link to PDF file or Word doc.)
Students will demonstrate their understanding of content and ability to apply learned skills by:
- Completing crossword puzzles regarding terms and concepts associated with drywall installation and finishing (Formative)
- Filling in note outlines overviewing interior doors, trim, and cabinets (Formative)
- Completing posters depicting the installation, finishing, and/or repair of drywall, doors, trim, and cabinets (Summative)

***Attach Unit Summative Assessment, including Scoring Guides/Scoring Keys/Alignment Codes and DOK Levels for all items. Label each assessment according to the unit descriptions above (i.e., Grade Level/Course Title/Course Code, Unit #).**

Obj. #	INSTRUCTIONAL STRATEGIES (research-based): (Teacher Methods)
1, 2	Direct: Instructor-led demonstrations

Obj. #	INSTRUCTIONAL ACTIVITIES: (What Students Do)
1	Concept Attainment; Structured Overview
2	Writing to Inform

UNIT RESOURCES: (include Internet addresses for linking)

Support Documents:
- [DRYWALL INSTALLATION CROSSWORD]
- [DRYWALL INSTALLATION CROSSWORD KEY]
- [DRYWALL INSTALLATION POSTER RUBRIC]
- [DRYWALL FINISHING CROSSWORD]
- [DRYWALL FINISHING CROSSWORD KEY]

GRADE LEVEL/UNIT TITLE: 9-12 / Carpentry — Interior Finishing   Course Code: CONSTRUCTION

- [DRYWALL FINISHING POSTER RUBRIC]
- [DOORS, TRIM, AND CABINETS NOTES]
- [DOORS, TRIM, AND CABINETS POSTER RUBRIC]

Internet Resources:
- www.chinoaz.com/dev_services/pdf/FastenerScheduleForStructuralMembers.pdf

Resources available from MCCE free loan library (www.mcce.org):
- Modern Carpentry, Building Construction
  Willis H Wagner, Howard Bud Smith, TINLEY PARK, IL, THE GOODHEART-WILLCOX CO INC, 2004. CD ROM — G-W Test Creation Software.
  This software enables an instructor to quickly create tests using a furnished test bank, or by adding their own questions.