

**Decision 1: Curriculum Map****Course: Manufacturing 3****Topic: Doors and Drawers****Subject(s): Tech -Ed****Grade(s): 9 - 12**

Days: (42)

**Key Learning(s):**

Students will construct a casework project incorporating a drawer and a door

**Unit Essential Question(s):**

How do I safely construct a casework project including a drawer and door utilizing the Manufacturing Lab?

**Optional Instructional Tools:**

- Programmable Router
- Dovetail Fixture
- Wood Technology and Processes text
- handouts

<b>Concept:</b> Shop Safety Review	<b>Concept:</b> Project design	<b>Concept:</b> Door construction
<b>Lesson Essential Questions:</b> What is the safe attitude?	<b>Lesson Essential Questions:</b> How do I design drawers and doors?	<b>Lesson Essential Questions:</b> How is a door assembled?
<b>Vocabulary:</b> personal protective equipment, push boards, MSDS sheets, coasting	<b>Vocabulary:</b> Rail, stile, panel, drawer slide	<b>Vocabulary:</b> Spline, surface mount, interior mount, router set

<b>Concept:</b> Drawer construction	<b>Concept:</b> Application of doors	<b>Concept:</b> Application of drawers
<b>Lesson Essential Questions:</b> How is a drawer constructed?	<b>Lesson Essential Questions:</b> How are doors installed?	<b>Lesson Essential Questions:</b> How are drawers installed?
<b>Vocabulary:</b> Half blind dovetail, drawer fronts, drawer sides, drawer bottoms	<b>Vocabulary:</b> Butt hinge, European hinge, gains, catches,	<b>Vocabulary:</b> Slides, guides