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**Coal City Unit District #1**  
**Woods**  
**Career and Technical Curriculum**

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**CTE.W:1      Students will identify the elements of basic shop safety.**

- CTE.W:1-1      Identify appropriate personal safety.
- CTE.W:1-2      Demonstrate safe use of tools.
- CTE.W:1-3      Select the appropriate use of woodworking tools.

**CTE.W:2      Students will identify various wood types.**

- CTE.W:2-1      Identify different types of woods.
- CTE.W:2-2      Identify different problems associated with wood.
- CTE.W:2-3      Demonstrate methods of choosing the proper type of wood.

**CTE.W:3      Students will demonstrate accurate use of measurement and computations.**

- CTE.W:3-1      Identify the common measuring tools.
- CTE.W:3-2      Demonstrate the measuring of stock that is to be cut to length.

**CTE.W:4      Students will use shop hand and power tools appropriately.**

- CTE.W:4-1      Identify the types of saws used for cutting stock.
- CTE.W:4-2      Demonstrate the use of various saws.
- CTE.W:4-3      Identify the different types of power and hand tools used in the shop.
- CTE.W:4-4      Demonstrate the proper and safe use of hand tools.

**CTE.W:5      Students will demonstrate proper sanding.**

- CTE.W:5-1      Distinguish between types of sanders.
- CTE.W:5-2      Demonstrate the use of various sanders.
- CTE.W:5-3      Select appropriate types of sandpapers.

**CTE.W:6      Students will demonstrate proper use and application of stain.**

- CTE.W:6-1      Describe the types of stains used for stock.
- CTE.W:6-2      Demonstrate the use of various stains.
- CTE.W:6-3      Demonstrate the use of sealers, fillers and urethanes.

**CTE.W:7      Students will differentiate between the proper use and application of fasteners.**

- CTE.W:7-1      Identify the types of fasteners.
- CTE.W:7-2      Demonstrate the use of various fasteners.
- CTE.W:7-3      Demonstrate the countersinking process.
- CTE.W:7-4      Show how to fill in holes for fasteners.
- CTE.W:7-5      Identify a situation when you need to use various fasteners.

**CTE.W:8      Students will create a project design, estimate its cost, assemble and finish it.**

- CTE.W:8-1      List the main steps in completing a simple project.
- CTE.W:8-2      Construct a simple wood project as planned.
- CTE.W:8-3      Perform finishing steps for simple wood project.