

## In Your Own Words... Using Tools Correctly - 70 points

**Goal:** Students will demonstrate the ability to properly use the following tools by creating an organized and accurate list of steps one must follow to properly use the tool. Tools will include; sliding compound miter saw, bandsaw, hand operated drill, hand operated driver, circular saw, and drill press.

**Directions:** Please complete the following “In your own words” tasks to the best of your ability using the information I have provided for you. Please note that this is an individual assignment and you MAY NOT work with another student on this assignment. Each part will have a *minimum* of FIVE steps, but some will have upwards of 10 steps.

1. In your own words, explain to me how you would properly cut a 2x4 on the compound miter saw (use a set of numbered steps):

1.

2. In your own words, explain to me how you would properly cut out a slightly curved part for a cabinet you are building using a band saw (use a set of numbered steps):

1.

3. In your own words, explain to me how you would properly drill a ¼” diameter hole in the face of a 2x6 using a hand powered battery-operated drill (use a set of numbered steps):

1.

4. In your own words, explain to me how you would properly screw in a T-25 Torx screw into two pieces of hardwood you are trying to join together (use a set of numbered steps):

1.

5. In your own words, explain to me how you would properly cut a sheet of plywood in half using a electric powered circular saw (use a set of numbered steps):

1.

6. In your own words, explain to me how you would properly cut a precisely cut strip of wood from a long maple board using a straight-line fence and a circular saw (use a set of numbered steps):

1.

7. In your own words, explain to me how you would properly drill a wide bore hole in a piece of hardwood stock using a stationary drill press (use a set of numbered steps):

1.