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| **7-9 Metalworking Rubric Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **Outcome** | **Goal** | **Excellent - 4** | **Proficient - 3** | **Satisfactory - 2** | **Not Acceptable - 1** | **Mark** |
| **Basic Hand Tools (x 2)** | *Measure* | Layout is accurate, square and consistent. | Layout is within tolerances. | Some measurements are within tolerance. | Layout inaccurate and not within tolerance. |  |
| *Mark* |
| *Hold* | Tools used correctly, safely and with excellent results. | Tools used safely and with proper technique. | Direction needed for tool selection and proper safe usage. | Use of tools is not appropriate with unacceptable results. |  |
| *Cut* |
| *Form* |
| *Fasten* | Excellent fit and finish. Excellent final product. | Final product is pleasing and fit and finish is good. | Some elements of fit and finish are lacking. | Final product poorly assembled and finished. |  |
| *Finish* |
| **Materials (x1)** | *Properties* | Excellent cutting plan with minimal scrap, damage and waste. | Good use of materials with minimal waste. | Some material loss with useless-offcuts and questionable planning. | Poor cutting plan lead to wastage, unguarded edges and useless offcuts.  |  |
| *Handling/Storage* |
| *Recycling* |
| **Construction Processes****(x 3)** | *Plan* | Provided detailed and accurate plans, cutting diagrams and materials list. | Able to provide plans and cutting diagram as requested. | Needed help picking project, designing and planning. | Unable to select project or come up with ideas. |  |
| *Construct/Assemble* | Correct methods and processes used accurately and consistently. | Processes used obtained desired results within desired tolerances. | Unconventional or incorrect processes used with mixed results. | Construction and assembly processes used did not create acceptable results. |  |
| *Finish* | Prepped and correctly applied finish with excellent final results | Surface preparation and finish application gave acceptable results. | Final product not reflective of proper prep and finishing processes. | Incorrect techniques and/or finish resulted in unacceptable final project. |  |
| *Evaluate* | Excellent planning and use of materials, tools and techniques have resulted in excellent final product and positive experience. | Proper use of tools and techniques have resulted in an acceptable project with few flaws and many positive qualities. | Inconsistent techniques, shop practices and use of tools have resulted in a product with obvious construction and finish shortcomings. | Final product not acceptable due to poor planning, processes, and attention to basic shop practices. |  |
| **Interpersonal Skills (x1)** | *Communication and Citizenship* | Communicates clearly. Asset to the shop. | Good shop citizen. Effective communicator. | Inconsistent personal inter-relationships. | Does not relate/respond well with others. |  |
| **In Short…..** | *Be the Best You Can* | WOW!!!! | OK | Right Idea, but….. | No, you need to….. |  |

76-65 Excellent 64-53 Proficient 52-41 Satisfactory 40-0 Not Meeting Acceptable Standards

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| **Comments:** |