Unit: Independent Project

Learning Goals:

In this unit:

1. ***Students will design a project that uses techniques learned this year.***
2. ***Students will plan and execute wood joinery.***

**Rigorous Learning Goal/Scale 1**

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| **Course:** | **Woodworking 1 – Independent Project Unit** |
| **Score 4**  Additional Success with the complex content and concepts—inferences, novel applications | **In addition to score 3.0 performance, the student demonstrates in-depth inferences and applications that go beyond what was taught.**   * ***Students will be able to design a project that uses different techniques that were learned during the class, and they will show how they will create the designs.***   **Student makes no major errors or omissions regarding the score 4 content** |
| **Score 3**  Mastery of complex content and concepts of learning goal | **TARGET LEARNING GOAL: The student will**   * ***Design a project that uses numerous techniques we learned during the course.***   **Student makes no major errors or omissions regarding the score 3 content** |
| **Score 2**  Success with simpler content—vocabulary, foundational skills | **The student will recognize or recall specific vocabulary or basic content, such as:**   * ***Engineering drawings, design, three views, cut list, orthographic, dimensions***   **The student will perform basic skills or process, such as:**   * ***Design a project.*** * ***Make a set of 3 view drawings*** * ***Make a cut list***   **Student makes no major errors or omissions regarding the score 2 content** |
| **Score 1**  Partial success with help | **With help, student achieves partial success at score 2 content and/or score 3 content** |
| **Score 0**  No success even with help | **Even with help, no success** |

**Rigorous Learning Goal/Scale 2**

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| **Course:** | **Woodworking 1 – Independent Project Unit** |
| **Score 4**  Additional Success with the complex content and concepts—inferences, novel applications | **In addition to score 3.0 performance, the student demonstrates in-depth inferences and applications that go beyond what was taught.**   * ***Students will use their own designs to create wood joinery, and make adjustments to get joints to fit better without having to remake parts.***   **Student makes no major errors or omissions regarding the score 4 content** |
| **Score 3**  Mastery of complex content and concepts of learning goal | **TARGET LEARNING GOAL: The student will**   * ***Plan joinery for a project, and create it.***   **Student makes no major errors or omissions regarding the score 3 content** |
| **Score 2**  Success with simpler content—vocabulary, foundational skills | **The student will recognize or recall specific vocabulary or basic content, such as:**   * ***Table saw, router table, miter saw, miter, rabbet, dado, groove, shoulder, tung, miter gauge, crosscut.***   **The student will perform basic skills or process, such as:**   * ***Plan what joinery to use*** * ***Layout joinery on individual parts*** * ***Identify which machines need to be used for specific joinery.***   **Student makes no major errors or omissions regarding the score 2 content** |
| **Score 1**  Partial success with help | **With help, student achieves partial success at score 2 content and/or score 3 content** |
| **Score 0**  No success even with help | **Even with help, no success** |