Unit: Wooden Bowl

Learning Goals:

In this unit:

1. ***Students will use the lathe to make a wooden bowl.***
2. ***Students will use correct finishing techniques to make a food safe bowl.***

**Rigorous Learning Goal/Scale 1**

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| **Course:** | **Woodworking 1 – Wooden Bowl 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 attach and remove faceplates, effectively remove all tear out and tool marks when sanding, remove bowl from faceplate and sacrificial block with a mallet and chisel.***   **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**   * ***Be able to glue boards together to make a bowl blank, attach it to the lathe, and create a bowl like shape.***   **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:**   * ***Lathe, faceplate, round nose scraper, sacrificial block, bowl blank, tool rest, banjo.***   **The student will perform basic skills or process, such as:**   * ***Rough cutting wood to get it ready for gluing.*** * ***Glue a blank together with a sacrificial board.*** * ***Use the bandsaw to cut their glued block into a circle.*** * ***Use the lathe to create a cylinder.***   **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 – Wooden Box 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.**   * ***Student will apply several coats of a salad bowl finish. In between coats they will sand, clean off, reapply another coat, use steel wool to get any roughness out after the last coat.***   **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**   * ***Use several coats of salad bowl finish to complete bowls.***   **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:**   * ***Salad bowl finish, rags, steel wool, sandpaper***   **The student will perform basic skills or process, such as:**   * ***Use a rag to apply a coat of finish*** * ***Safely dispose of oily rags to prevent spontaneous combustion.***   **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** |