Wood Arts Honors - Unit 3 - Advanced Wood Assembly & Finishing

Content Area: **Arts**
Course(s): **Wood Arts Tech3**
Time Period: **Semester 1**
Length: **Year**
Status: **Published**

Student Learning Standards:

- Standard 9.3.8.B.2: Select appropriate woodworking materials based on project requirements and desired outcomes.
- Standard 9.3.8.B.4: Apply advanced finishing techniques to enhance the appearance and durability of woodworking projects.
- Standard CS.K–12.3.3.1.A: Use image editing software to digitally simulate wood finishes and experiment with different visual effects.
- Standard 1.2.8.C: Analyze and interpret the impact of different finishes on the overall aesthetic and meaning of woodworking projects.

Enduring Understandings:

1. Students will understand that wood finishes are crucial for both enhancing the visual appeal and ensuring the long-term durability of woodworking projects.
2. Students will understand that the careful selection and precise application of wood finishes significantly impact the overall aesthetic, meaning, and perceived value of a finished woodworking piece.
3. Students will understand that different types of wood finishes offer unique properties regarding protection, appearance, and tactile qualities, requiring informed choices to achieve desired artistic and functional outcomes.

Essential Questions:

1. How do advanced finishing techniques elevate both the aesthetic appeal and the longevity of woodworking projects?
2. What distinct impacts do various wood finishes have on the overall visual and conceptual meaning of a woodworking piece?
3. How does the deliberate selection and skillful application of a wood finish transform raw wood into a finished product that achieves specific artistic and functional goals?

Knowledge & Skills:

- Knowledge of various wood finishes and their characteristics.
- Proficiency in applying advanced finishing techniques.
- Ability to use image editing software to simulate wood finishes and experiment with visual effects.
- Analysis and interpretation of the impact of different finishes on woodworking projects.

Resources:

- Reference materials on different wood finishes and their characteristics.
- Guides and tutorials for advanced wood finishing techniques.
- Image editing software for simulating wood finishes and visual effects.
- Resources on analyzing and interpreting the impact of finishes on woodworking projects.

Transfer Goals:

1. Apply advanced finishing techniques to enhance the appearance and durability of woodworking projects.
2. Evaluate and select appropriate wood finishes based on project requirements and desired outcomes.

Assessments

Assessments

Modifications

Modifications