Wood Arts Honors - Unit 1 -Introduction to Advanced Woodworking

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

Student Learning Standards:

- Standard 9.3.8.A.1: Demonstrate an understanding of the skills, tools, and equipment necessary for careers in woodworking and related industries.
- Standard 9.3.8.A.2: Apply proper safety procedures when using woodworking tools and equipment.
- Standard 9.3.8.A.3: Analyze and interpret technical drawings and blueprints related to woodworking projects.
- Standard 1.1.4.A: Engage in the creative process to generate and visualize ideas for artistic expression.

Enduring Understandings:

1. Students will understand that a strong foundation in woodworking skills, including the proper use of hand and power tools, is essential for pursuing careers in woodworking and related industries.
2. Students will understand that rigorous adherence to safety procedures and protocols is paramount to ensuring a secure and injury-free working environment when operating woodworking tools and equipment.
3. Students will understand that proficiency with woodworking tools and equipment, coupled with an unwavering commitment to safety, fosters both quality craftsmanship and career readiness in technical fields.

Essential Questions:

1. What specific skills, tools, and equipment are fundamental for a successful career in woodworking and related industries?
2. How do established safety procedures and protocols directly contribute to maintaining a secure and hazard-free working environment when operating woodworking tools and machinery?
3. In what ways does a comprehensive understanding of woodworking tools, equipment, and safety practices enhance both the quality of craftsmanship and an individual's career readiness?

Knowledge & Skills:

- Knowledge of woodworking tools, equipment, and their uses.
- Understanding of safety procedures and practices in advanced woodworking.
- Ability to analyze and interpret technical drawings and blueprints.
- Familiarity with computer hardware components related to woodworking design and planning.
- Development and refinement of artistic techniques and skills in woodworking.

Resources

- Woodworking tool manuals and reference guides.
- Safety guidelines for working with woodworking tools and equipment.
- Technical drawings and blueprints for woodworking projects.

Transfer Goals:

1. Apply woodworking skills, tools, and equipment in various woodworking projects.
2. Demonstrate adherence to safety procedures when using woodworking tools and equipment.

Assessments

Assessments

Modifications

Modifications