

## Woods Power Standards

### **Safety**

Students will read safety instructions on all power equipment.

Students will watch a demonstration on proper use of all power equipment.

Students will demonstrate proper use of all power equipment.

Students will pass safety tests on all power tools at 100% accuracy.

### **Project Building**

Students will use woodworking tools and machines to build a project.

Students will use the biscuit cutter to assemble their table top.

Students will use dado joinery.

Students will use Kreg Jig joinery in all needed applications.

Students will demonstrate all finish sanding processes in finishing their project.

### **Project Planning**

Students will learn how to estimate materials and cost. Students will learn to sketch out the necessary views to build a cabinet. Build cabinet boxes.

Students will use a bill of materials and plan of procedure.

### **Cabinets**

Students will learn to build cabinet skeleton.

Students will learn to build and fit face frames.

### **Picture Frame**

Students will make their own molding.

Students will use the miter box saw to make the proper miter cuts.

Students will use proper frame clamping techniques to assemble their frame.

Students will center and mount the glass and art/picture in their frame.

### **Lathe**

Students will read about the lathe spindle and face plate turning.

Students will pass a lathe safety quiz at 100% accuracy.

Students will see and participate in a lathe demonstration, showing the safe use and lathe turning operation.

Students will use lathe to spindle turn a project.

## **LASER**

Students will see a demonstration showing the proper set up and import procedure of data to the CNC LASER.

Students will create a project on the LASER that uses Vector ART and Image Importation.