CAED Support Shop

**Sanders**

**Students should all have the band saw demo pieces**

**•Review dress code**

-Remind students that long hair must be tied back, loose clothing and/or jewelry must be removed

Wood shop sanders are for wood and plastics ONLY

No concrete, rockite, plaster, or metal

**•Intro/Strengths**

-Disk/Belt Sander

-For straight and outside radii

-Spindle Sander

-For inside radii

**•Disk/Belt Sander**

-Show on/off switch

-Show direction of rotation

-Demonstrate sanding ONLY on DOWNWARD moving side (between center and downward side)

-Work-piece should ALWAYS be flat on table

-Keep fingers away from sanding disk

-Do not sand pieces up on edge as they may become lodged in tool along with hand

-Attach small pieces to larger piece or hold in WOOD clamp

-Show how to tilt table-ONLY tilt table down

-Demonstrate returning table to square

-Demonstrate sanding on both disk and belt reminding students of rules

-All rules apply to both belt and disk sander

-Only one person can use the disk/belt sander at a time

-Never sand the thickness dimension of a piece of plywood or similar material on the disk/belt sander.

**•Spindle Sander**

-Show on/off switch

-Show direction of rotation and sand against the rotation

­-Demonstrate how to change spindle and table insert

-Show how to tilt table and how to return to square

-Explain that the angle changes as you move the work-piece around the table

-Explain/Demonstrate that a “hole” in a piece must be inserted over the spindle ONLY while the machine is stopped

-Demonstrate sanding inside radius and freehand/irregular sanding

**•Remind students to clean-up after themselves.**

Show them where the brooms, vacuum, etc. are located and what our expectations for clean-up are.

**REMEMBER- We are here to help. If you have any questions ask!**