CAED Support Shops

**Planer**

**•Review dress code**

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

**•Intro**

-Discuss what the tool does/strengths

-Removes material from top

-Flattens/surfaces material

-Dimensions material precisely

-Describe the cutter head location and direction of rotation

-Describe/show grain direction

-Emphasize by drawing on edge of material

-Explain/Show how this relates to feed direction

-Show how flipping material end for end maintains correct feed/grain direction

**•Show Controls**

-Demonstrate twist/kill switch

-“Macro” table up and down

-Hand Wheel

-Demonstrate how to engage wheel

-Explain/Demonstrate one revolution equals 1/32”

-Digital Display

-Briefly talk about how to convert fractions to decimals

-Show chart attached to machine

-Demonstrate how to install a simple (one step) program

**•Discuss Material Requirements**

-“Clean” material only- No: paint,concrete,dirt,nails,staples,screws etc.

-18” minimum length

-1/4” minimum thickness

-Odd/rounded shaped material needs special jig/sled

-Machine is designed for wood.

-If any other materials must be run check with shop staff

**•Demonstrate Setup and Operation**

-Carefully measure thickness/dimension of material

-Set machine to SAME thickness

-Remove 1/16” MAX per pass

-Remind students to listen to the tool

**•Briefly Discuss Hazards** (No Horror Stories)

-User condition ie; lack of sleep, in a hurry

-Kickback associated with lowering table during operation

-Remind students if there is a problem turn off tool and wait for machine to stop completely before lowering table

**•Field Questions before Student use**

**•Remind students to clean-up after themselves after using a tool or area.**

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!**