CAED Support Shop

**Slip Roller**

**•Review dress code**

-Safety Glasses must be worn at ALL times in the Shop.

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

-Remind students that the EDGES of sheet metal may be VERY sharp.

**•Intro/Strengths**

-Slip roller is for sheet metal, flat stock, and rod.

-Rod must be run through the round “grooves” on end of rollers

-Material is rolled through machine to create a constant radius curve.

**•Operation**

**-Get student involvement in setup and operation of demo**

-Demonstrate setting up feed roller pressure using material to be rolled.

-make sure feed roller are parallel.

-Demonstrate rear roller adjustment.

-Make sure rollers are parallel.

-Initial passes should be made with light roller pressure

-Demonstrate rolling piece through.

-Change spacing on rear roller and demonstrate effects (more curvature in work piece)

-Curves are compounded. Rolling a piece through once has a different curve than rolling a piece through twice even if the rear roller is not changed.

-Identical pieces can be difficult to replicate unless they are done in same/similar sequence.

-Top roller can be raised to slide out material if a complete circle is being rolled.

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

-Remove all material and scraps from surrounding area and floor

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

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