CAED Support Shop

**Beverly Shears**

**•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.

**Beverly shears are for sheet metal only.**

Do not cut cable, rod, perf or expanded metal on this tool!!

**•Intro/Strengths**

-Great for curved cuts

-No kerf

-Not great for straight cuts. Recommend foot-operated or hydraulic shears.

-Using Beverly shears does not give perfectly straight cut because of human error.

**•Operation**

-Demonstrate a curved cut by cutting and rotating piece at the same time.

-Demonstrate a straight cut.

-Note how the sheet is not perfectly flat anymore.

-Small, straight cuts might be necessary for some projects.

-Return handle to raised position for safety when done.

-Cut edge will be VERY sharp and must be de-burred

-Demonstrate de-burring edge with a hand-held file

-Students make cuts.

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

-Remove all material and scraps from table, 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!**