

MAKER SKILLS LIBRARY

Maker Skill: Scroll Saw

Guide students to gather around the scroll saw so that everyone can see and give each student a pair of safety glasses. Students should keep the goggles with them for the rest of this station.

Introduce PPE/Safety:

- Safety glasses are required when using or near a scroll saw.
- Hair beyond shoulder length must be put into a hair tie.
- Any dangling jewelry or clothing (ex: hoodie strings) must be tucked into a shirt.
- Closed-toed shoes are required.



Introduce Machine Parts/Functions:

- The clear guard stays down, the material is placed between the material guard and the saw table
- Indicate the on/off switch: Always turn off the machine when finished
- Indicate the speed dial: Keep the speed on low. **if using wood - speed will be high*
- Indicate the saw blade: Note that the saw blade moves up and down and will cut only on the front side (teeth side)

Introduce/Demo Proper Use:

- No fingers inside the orange/black circle. Hands should remain flat and out to the sides of the guard while guiding material.
- Only items larger than the size of a hand may be cut on the saw.
- Only cardboard, coroplast, or wood may be used in the machine. **Chipboard, popsicle sticks, items with hot glue, and all other materials should be cut with scissors*
- Mark the material where you plan to cut before approaching the saw. Line up the marking with the saw blade.

Demonstrate cutting two lines (straight and curved). Note how the material is moved while cutting curves. Reinforce the above points while demonstrating.