

Molded Acrylic Bracelets

Shared by: K-12 Makerlab Staff

Specialized tools and materials used:	Experience level required:
Laser cutter Vector design software (gravit, Vectr, Inkscape...) 1/8" acrylic sheets Heat gun or oven (or toaster oven)	Beginner

Grade Level and Subject (of this example): n/a

Topic/Content Standards (for this example): Maker skills



Students use a vector-editing program (like [gravit](#), [vectr](#), or [Inkscape](#)) to add designs to etch (or cut out) onto a rectangle sized to fit their wrists, then laser cut the design in 1/8" acrylic. A heat gun or toaster oven is used to heat the acrylic until it is soft enough to bend. A glass bottle or wooden form is used to bend the acrylic around into a bracelet shape.



Suggested resources

- <https://52lasers.com/2015/05/20/72-bending-acrylic/>
- <https://www.instructables.com/Acrylic-Bracelets-1/>