

Reusable tools

CUTTING

- hole saw
- metal file(s)
- file card
- chisel/rasp set
- tin snips
- box knives
- X-acto knife
- scissors
- drill bits
- sanding block
- hacksaw
- wood-saw
- block plane
- deburring tool
- countersink
- awl
- cutting mat
- hand-crank (rotary) craft drill

FIXTURING

- vise
- C-clamps
- bar clamps
- needlenose
- locking pliers
- adjustable wrench
- binder clips
- locking pliers

JOINING

- staple gun
- hot glue gun
- hot glue gun
- pop riveter
- box rivets
- big sewing needles
- paint brushes (1" and 3")
- straight pins
- splice set
- tap and die (SAE + Metric)

MECHANICAL

- screwdriver set (precision)
- screwdriver set (big)
- allen (SAE + metric)
- claw hammer
- mallet
- combination wrench
- ratchet set
- joint pliers (channel locks)
- miter box
- PVC pipe cutter
- socket set
- driver bits
- hollow-shaft nut drivers

ELECTRONICS

- Arduino
- LilyPad
- soldering iron
- soldering tips
- crimper tool
- wire cutter
- wire stripper
- diagonal cutter
- solder sucker
- digital multimeter
- solder tip tinner
- 1/2 size breadboard
- third hand
- tweezers
- solder
- heat gun

TEXTILE/SOFT CIRCUIT

- Fabric scissors
- pinking shears
- seam ripper
- cloth tape measure
- sewing needles
- iron
- embroidery needles
- needle threader
- snap setter
- Serger

STORAGE TOOLS

- containers
- labels
- camera
- broom
- dust pan and broom
- Shop Vac

BATTERIES / POWER

- AA NiMH and charger
- AA NiMH
- 9V battery clip
- 4 AA battery holder
- 3 AA battery holder
- 2 AA battery holder
- alligator clips

EXTENSION

- 3D printer
- CNC mill
- laser cutter
- circular saw
- orbital sander
- table saw
- hot wire foam cutter
- plastic bender

POWER TOOLS

- jigsaw (electric)
- sewing machine
- drill
- extension cord
- Dremel

ETC

- tool box
- workbench
- saw horses
- CNC router

Consumable materials

ADHESIVES

- wood glue
- white glue
- epoxy
- hot glue sticks
- super glue (CA) medium + debond
- CA glue thin
- spray adhesive
- PVC cement

TAPE

- packing tape
- paper Kraft tape 2"
- electrical tape
- duct tape
- masking tape
- scotch tape
- blue painter's tape

ABRASIVES

- sandpaper (80/200/400/600)
- sandpaper (80/200/400/600)

FASTENERS

- fasteners (screws, nails, etc.)
- staple gun staples
- pop rivets
- Mr. McGroovy's Box Rivets
- zip tie assortment
- binder clips

TEXTILES

- thread
- adhesive tape
- sewing machine needles
- felt
- fabric
- sewable battery holder
- snaps
- bobbins
- metal beads
- plastic beads

ELECTRONICS

- conductive thread 2ply
- conductive thread 4ply
- breadboarding pins
- batteries AA
- batteries 9V
- 9V battery snaps
- battery holders
- heat shrink tubing
- breadboards
- resistors
- switches
- buzzers
- motors
- photoresistors
- jumper wires
- wire
- crimps
- beeswax
- LEDs
- batteries

WOOD

- 2"x4"x96" wood
- 4'x8' 1/4" plywood
- balsa wood

FLUIDS

- small plastic syringe
- plastic tubing
- Luer connectors
- 1-way valve
- T-connector

HARDWARE

- hack saw blades
- jig saw blades
- jewelers' saw blades + lubricant
- X-acto and utility knife blades
- lubricant
- acid brushes
- popsicle sticks
- paper mixing cups (Solo)
- plastic mixing cups (medicine)
- toothpicks
- caliper battery

FIRST AID KIT

- gloves
- dust masks
- safety glasses

MISC

- Shapelock (or Instamorph)
- Nichrome wire
- string
- rope