



Equipment List for WeCreation

Reusable Tools

JOINING <ul style="list-style-type: none">• staple guns• hot glue guns• hot glue guns• pop riveter• box rivets• big sewing needles• paint brushes (1" and 3")• straight pins• splice set• tap and die (SAE + Metric)	MECHANICAL <ul style="list-style-type: none">• screwdriver set (precision) (10)• screwdriver set (big) (10)• allen (SAE + metric)• claw hammers (10)• mallets• combination wrenches (5)• ratchet sets (2)• joint pliers (channel locks) (5)• miter boxes (5)• PVC pipe cutter (2)• socket set (1)• driver bits (2)• hollow-shaft nut drivers (5)	ELECTRONICS <ul style="list-style-type: none">• arduino• lilyPad• soldering irons (10)• soldering tips (15)• crimper tools (3)• wire cutter• wire stripper• diagonal cutter• solder sucker• digital multimeter• solder tip tinner• 1/2 size breadboard• third hand• tweezers (24)• solder• heat guns (3)	CUTTING <ul style="list-style-type: none">• hole saw (2)• metal file(s) (5)• file card• chisel/rasp set• tin snips (5)• box knives (50)• X-acto knife• scissors (50)• drill bits• sanding block (20)• hacksaw (4)• wood-saw (10)• block plane• deburring tool• countersink• awl• cutting mat (5)• hand-crank (rotary) craft drill
FIXTURING <ul style="list-style-type: none">• vise• C-clamps• bar clamps• needle-nose pliers• locking pliers• adjustable wrench• binder clips• locking pliers	BATTERIES / POWER <ul style="list-style-type: none">• AA NiMH and charger• AA NiMH• 9V battery clip• 4 AA battery holder• 3 AA battery holder• 2 AA battery holder• alligator clips	TEXTILE/SOFT CIRCUIT <ul style="list-style-type: none">• fabric scissors• pinking shears• seam ripper• cloth tape measure• sewing needles• iron• embroidery needles• needle threader• snap setter• serger	STORAGE TOOLS <ul style="list-style-type: none">• containers• labels• cameras• broom• dust pan and brooms (6)• shop vacs (3)
POWER TOOLS <ul style="list-style-type: none">• jigsaw (electric) (3)• sewing machine• drills (10)• extension cords (10)• Dremel (3)• tool box• workbench• saw horses• CNC router	POWER TOOLS CONT. <ul style="list-style-type: none">• CNC mill• laser cutter• circular saw• orbital sander• table saw• hot wire foam cutter• plastic bender	TECHNOLOGY <ul style="list-style-type: none">• computers• filament• raspberry pi unit	



Consumable Materials for WeCreation

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

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 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

FIRST AID KIT

- gloves
- dust masks
- safety glasses

MISC

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

CREATOR DAY

- plywood
- paint
- wheels
- brackets
- hinges
- fencing materials
- screws
- plexiglass
- writable surfaces
- lumber