

MISSA 2010

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Jewelry Basics: Shoebox Studio

Tools & Supplies “Scavenger Hunt” List

Though you can buy everything you need new, I would much prefer that you get creative and “shop” for the items below in thrift stores, yard sales, garages of friends & family, and through Freecycle (www.freecycle.org/group/CA/). Please keep track of how much you spend to acquire your “Shoebox Studio”. Perhaps there will be a prize for the best equipped, lowest cost studio ☺!!

* items available through Princess Auto (www.princessauto.com)

** items available through Habsons Jewellers Supplies (www.habsons.com)

1st Tier – Must Have Items

Approx. cost NEW in \$CND

- Propane plumbers torch + 1 lb disposable propane tank*	\$17.00
- Striker/lighter w flints (NOT butane filled lighter!)**	\$ 3.50
- Hand drill – spiral**	\$ 8.50
OR traditional hand drill – much more versatile, but more costly	
OR Dremel type tool – even more versatile and more costly ☺	
(electric drill will work, but is unwieldy and a bit big for shoebox...)	
- Chain-nose pliers (box joints, smooth inside jaws)**	\$10.00
- Flat-nose pliers (box joints, smooth inside jaws)**	\$10.00
- Round-nose pliers (box joints, smooth jaws)**	\$10.00
- Side-cutters**	\$10.00
- Saw frame**	\$15.00
- Saw blades (sizes 2/0 & 4)**	\$ 6.00
- Riveting hammer** (head ~2” w 1 flat face + cross peen face)	\$ 9.00
OR goldsmiths hammer, or small tack hammer	
- Titanium solder pick**	\$ 7.00
OR scrap wood dowel (1/2” diam.) + section thick wire coat hanger	
- Bench pin V-Slot Board w clamp**	\$12.00
OR bench pin & anvil combo**	\$20.00
OR Scrap of hard wood: 2-4” wide x 1” thick x ~6” long	
+ C-Clamp (at least 3.5”)	

	(Try to come in <u>WELL</u> under this price!!) \$118.00

2nd Tier – Nice to Have Items – (bring em’ if you already have em’!

Otherwise consider waiting to get these until after the class when you have a better idea of your particular needs)

- Vise grips (curved jaw locking pliers ~7” long)*	\$ 8.00
- Table vise (clamps to table)*	\$17.00
- 2-3 Tweezers* (Princess Auto - 4 pc. Stainless set is a good buy)	\$ 4.00
- Metal ruler (6”-12”)*	\$ 3.00
- Needle files (5-6 piece set – straight, not bent riffler files)*	\$ 5.00
- Ball peen or autobody hammer (head ~ 3” w 1 flat face + 1 domed face)*	\$ 6.00
- Shears** for cutting solder & thin sheet (curved blade, economy)	\$11.50
OR tin snips, kitchen shears, etc.	
- Brass hand scratch brush** (w fine soft wires for polishing)	\$16.00
- Burnisher, straight**	\$ 7.50
- Bench block, small (if don’t have bench pin & anvil combo)**	\$18.00
OR ~ 3”x3”x1” (or larger) smooth, flat scrap steel	
- Lazy susan bearings (zinc – 4-6”) (Lee Valley Hardware)	\$ 3.00
OR small old used lazy susan	

	(Try to come in <u>WELL</u> under this price!!) \$99.00

Please bring as many of these items as you can!

General materials:

- lg. shoebox, sm. toolbox, bookbag, backpack, or other creative portable studio container ☺!
- C-Clamp (at least 2.5")
- Beeswax lump or candle end (lubricant)
- Piece of rubber sheet (gasket material) or chunk of old inner tube
- Rubber gloves
- clear safety glasses
- 2 Old toothbrushes
- Drill bits (bring what ever is lying around the house)
- old knitting needles/dowels/rods (for making jump rings)
- cotton or denim apron (NOT synthetic fabric, rubber, or plastic!)
- 1-2 old small hand/dish towels
- Pencil
- Fine point "Sharpie" marker
- Scotch Magic Tape
- scissors
- notebook or sketchbook
- reading glasses, if you need a little help to see clearly 8" from your nose ☺.
- clamp-on task light or desk lamp

Soldering materials:

- old cookie sheet (to protect table from torch work)
- Pair disposable wood chopsticks + rubber band (to make tongs)
- small stainless steel bowl
- small CHEAP paintbrush with natural bristles (about #4 size)
- glass jar w plastic lid – 1 pint size (for pickle)
- mug warmer or other SMALL *warming* tray – NOT hot plate (**optional** – for warming pickle)
- 3 small containers for solder chips
(ex: sm. plastic lids (~1.5" diam.), multi-day pill box, screw-together bead jars, etc.)

Finishing/patination materials:

- small glass bottle w tight fitting plastic lid
- disposable plastic soda straw
- sm. plastic containers (yogurt, cream cheese, etc.) maybe 2-3
- Brass or bronze wool (finest grade available – find in paint/woodworking/hardware stores)

Polishing stick materials:

- Piece of old suede leather (look for suede handbag or vest at thrift store – we will cut this into 3-4 strips about 10"x 4" to make polishing sticks)
- 4-5 pieces scrap wood lath ~1.5" x 3/8" x 12" each

Sanding stick materials:

- Wet/dry sandpaper (1 sheet each grit: 180, 240, 320, 400, 600, 1500) \$ 6.00
- 6 pieces scrap wood moulding ~1" x 1/2" x 12" each
(I use unfinished rectangular bullnose moulding which has 3 square edges and one rounded edge)

Please wear cotton clothing and closed toed leather shoes as we often work with red hot metal.