



Art in Metal Clay by Hadar Jacobson

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Toolkit

Please ask at the hosting venue what items will be available in the classroom, e.g., olive oil, distilled water, warming pans etc.

For easy reference I added the code numbers of the items as they appear in the catalogs of Rio Grande (www.riogrande.com).

Clay Tools

Hadar's Quick-fire Clay™, Copper, Bronze or Brilliant Bronze (100 grams each), and Low-Shrinkage Steel XT (2 X 50 grams) (should be pre-ordered from <http://store.artinsilver.com/purchasepmc.html>).

A finishing kit (rotary tool attachments), is also available for sale, as well as books and other clays. All your orders will be shipped together a week before the class. When you place your order please choose "no shipping", and in the comments filed mention the location of the workshop).

- Report cover (plastic, with clear top)
- Optional: clear plastic casting molds for resin
- Sponge sanding pads, fine grit (150) (Rio Grande 337-322) or: wet/dry sandpaper, 150, 220, and 400 grit.
- Coarse nail polisher
- Travel size spray bottle with olive oil
- Travel size spray bottle with distilled or bottled water

- ❑ Small metal or hard plastic bowl for mixing the clay
- ❑ Mixing tool (can be just a table knife or a spoon)
- ❑ Rolling pin (preferably wide)
- ❑ Scraper or tissue blade
- ❑ Plastic food wrap
- ❑ Playing cards and craft sticks (Popsicle sticks)
- ❑ Drinking straws (different sizes)
- ❑ Craft knife
- ❑ Paintbrush
- ❑ Small cup or container for water
- ❑ Needle tool
- ❑ Extruder, Makins' or Walnut Hollow, available from Amazon
- ❑ Optional: Tube adapters for the extruder
- ❑ Optional: Ring sizer and ring mandrel
- ❑ Air-dry clay (Creative Paper Clay)
- ❑ Warming plate (coffee mug/candle warmer)
- ❑ Scotch tape
- ❑ Clay (or colour) shaper, taper, extra firm, #0 (cheapest source: <http://www.misterart.com/searchResult/query~colour%2520shaper~>, the last on the list, #54539)
- ❑ Hand drill (or miniature round file, or bead reamers)
- ❑ Protective mask and goggles
- ❑ Set of diamond-plated burrs (Rio Grande # 343-050)

Finishing Tools

- ❑ Rotary tool. A good and cheap one is Black & Decker RTX-B 3 Speed RTX. Available from Amazon and Target.
- ❑ Dremel 4486 MultiPro Keyless Chuck (accepts different shank sizes, like a flex shaft machine), available from Amazon. If you don't purchase this item make sure that your rotary tool has a collet for a $\frac{3}{32}$ " shank.
- ❑ Baldwin's patina (Rio Grande #335-020, available in smaller amounts from www.reactivemetals.com).
- ❑ Q-tips.
- ❑ Drum mandrel (Rio Grande 333-015) and sanding drums, 120, and 240 or 320 grit (Rio Grande 337-502, 337-504 or 337-801)
- ❑ 3 sheets of 3M wet/dry sandpaper, 150, 220 and 400 grit
- ❑ Radial discs, yellow, 80 grit, $\frac{1}{4}$ " in diameter (Rio Grande #332-581)
- ❑ Screw mandrel (Rio Grande #333-108) and a small screw driver
- ❑ Slotted mandrel, straight head (Rio Grande # 333-130)
- ❑ Slotted mandrel, tapered head (Rio Grande # 333-132)
- ❑ Extra fine mini fiber wheel (red, Rio Grande, #338-123;)

The last 5 items can be purchased on my online store and from www.pmconnection.com as "Finishing kit".

- ❑ Rouge (Rio Grande # 331-5132)
- ❑ Micro fiber Wheel (Rio Grande # 330-023)
- ❑ Coarse mini-fiber wheel (Rio Grande #338-005)

Additional tools for the workshop: Color Patterns in Hollow Forms

Please ask the workshop organizers if the following items will be available for use in class.

- Rocks (smooth, polished)



- Concave and convex molds for doming (sphere-shaped beads, tiny bowls, or commercial molds).



Shown in the photo:
Wilton's flower formers

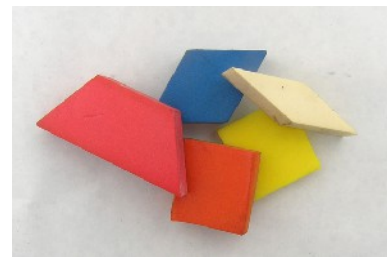
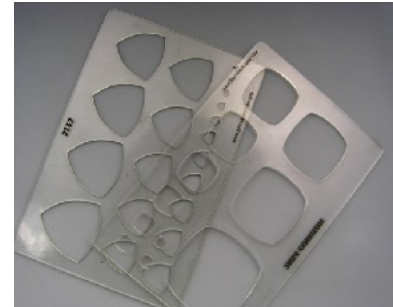
- Curving surface (PVC pipes, Wilton's flower former set)



- Shape cutters



- Templates
- Optional: pattern blocks



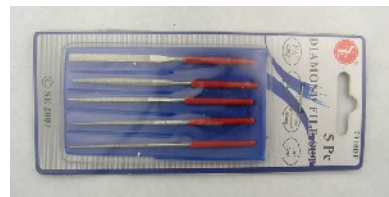
- Optional: Mosaic craft tiles
- Old postcards



□ **Additional tools for the workshop:
Architextural Jewelry**

- Tracing paper
- Graph paper
- Ruler
- Texture sheet (preferably architectural: bricks, shingles, etc.)
- Old postcards
- Ring sizer and stepped mandrel
- Small plastic bag

- Miniature files



- Battery operated bead reamer

