

## INTRODUCTION

## WORKSHOP SUPPLY LIST

If you purchase the Ink Maker's Supply Kit you will receive the following items.  
If you elect to source these yourself, this is an indication of what you will need to get the most out of the course.

## INK MAKER'S SUPPLY KIT

- 60 g gum Arabic
- 20 g shellac flakes
- 30 g cochineal bugs
- 30 g weld extract
- 30 g natural indigo
- 100 g gallnut powder
- 100 g alum (*potassium aluminum sulfate*)
- 250 g calcium carbonate
- 100 g ferrous sulfate
- 100 g tartaric acid
- 100 g soda ash
- 1 jar carbon black
- 8 jars (1-oz) for finished inks
- 2 dip pen nibs
- 1 hand carved pen holder
- 10 coffee filters
- 1 syringe with nib
- 1 palette knife
- 1 dust mask
- The Dyer's Journal

**If purchasing the Ink Maker's Supply Kit we cannot do any substitutions.  
Kits are non-refundable.**

## EQUIPMENT &amp; SUPPLIES

YOU WILL PUT THIS LIST TOGETHER YOURSELF

These items should be easy to find where you live.

- Distilled water. Usually available in 4 litre jugs.
- Small bottle of clove oil or other antiseptic oil.  
(*camphor, wintergreen, etc. only a few drops are needed*)
- Digital scale that weighs to 1 gram.
- Funnel 3-5 inches in diameter at the top.
- Measuring cup
- Measuring spoons
- 1 saucepan (for heating with a water bath).
- 1 small saucepan for making gum arabic solution.
- 1 mortar & pestle or coffee grinder (*for grinding cochineal*)
- 8 tall-format 1 cup mason jars with lids.  
(*or assorted scientific beakers if you have them*)
- 2 – 2 cup (500ml) mason jars with lids.
- A mulling slab. This could be a glass palette, or a marble slab. About 45cm (18") square is ideal. A glass or ceramic plate will work if it is perfectly flat. This is used to mull and mix pigments.
- A muller. These can be obtained from pigment sellers and some art supply houses. If you can't get one, you can substitute a thick bottom drinking glass or a thick bottom bottle or a very flat smooth stone. The bottom should be perfectly flat.
- Extra bottles for inks.
- (optional) micro stirrer (very tiny latte frother). See the link in the supply list on teachable.com to the one used in the workshop.
- (Optional) You may use borax powder (available as a cleaner in most grocery stores) as an alternative to soda ash. I also demonstrate how to dissolve shellac in 99% isopropyl alcohol. Note: some students find the fumes from isopropyl alcohol problematic.
- **Important Note:** If you are using a butane burner, only use butane cans that have a CRV (Countersink Relief Valve). It will say this on the side of the canister.

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### International Suppliers:

- Classic Fountain Pens — [www.nibs.com](http://www.nibs.com) (LA, USA - online only)  
John Mortishaw is famous for his nib modifications.
- Coop Coco — [coopcoco.ca](http://coopcoco.ca) (Montreal, Canada) Essential Oil, Soap making, perfumery Supply.
- L. Cornelissen & Son — [www.cornelissen.com](http://www.cornelissen.com) (London, UK)  
Colourmen from 1855 - pigments, artist's colours, art supplies.
- Hoang Dao — [hoangdao.com](http://hoangdao.com) (Vietnam) Calligraphy instructor and artisan pen maker.
- John Neal Bookseller — [johnnealbooks.com](http://johnnealbooks.com) (North Carolina, USA) Quills, nibs, inks.
- Kalligraphy — [shop.kallipos.de](http://shop.kallipos.de) (Germany) nibs, pens, holders, inks, history resource.
- Kama Pigments — [kamapigments.com](http://kamapigments.com) (Montreal, Canada) Pigments, mullers, media and binders.
- KraftKolour — [www.kraftkolour.net.au](http://www.kraftkolour.net.au) (Thomastown, Australia)  
A great resource for those in Australia: dyes, paints, equipment, art supplies.
- Kremer Pigments — [kremerpigments.com](http://kremerpigments.com) (New York, USA) Raw ingredients and pigments.
- Kroma Acrylics — [kroma.ca](http://kroma.ca) (Vancouver, Canada) Kevin Head, paintmaker. pigments, paints.
- Maiwa — [maiwa.com](http://maiwa.com) (Vancouver, Canada) Natural dyes, materials, inks, nibs, pens.
- Melodies Graphiques (Paris, France) Calligraphy supply, paper, ink, pens.
- Nota Bene — [nota-bene.ca](http://nota-bene.ca) (Montreal, Canada) Pens, papers, sketchbooks.
- Opus Art Supplies — [opusartsupplies.com](http://opusartsupplies.com) (Vancouver). Sketchbooks, large selection of art supplies.
- Paper Ya — [paper-ya.com](http://paper-ya.com) (Vancouver, Canada) Sketchbooks, large selection of papers.
- SEC WoodPen — [secwoodpen.com](http://secwoodpen.com) (Italy) Artisan pen maker Stefano Costantini produces a series of ingenious and beautiful straight and oblique pen holders. The site is in Italian, but easy to navigate with google translate.
- Washi Arts — [washiarts.com](http://washiarts.com) (Blaine, WA) vintage and handmade Japanese papers, bookbinding supplies.
- Wonderpens — [wonderpens.ca](http://wonderpens.ca) (Toronto) Pens, papers, inks, notebooks, etc.