

INTRODUCTION

WORKSHOP SUPPLY LIST

Remember to read the Equipment List in this document that explains what all students will need to gather. Once enrolled, go to the Gathering Metal lesson that explains the metal pieces you will need to collect for the workshop.

This kit is specifically designed for this workshop.

It includes Additives, Indigo, Tannins, Fabric, and Miscellaneous Supplies.

We cannot make any substitutions in this kit.

Kits are non-refundable.

ADDITIVES, INDIGO, & TANNINS

- 100 g natural indigo powder
- 250 g ferrous sulfate (iron)
- 250 g calcium hydroxide (calx)
- 225 g pomegranate ground rind (tannin)
- 225 g myrobalan powder (tannin)
- 250 g tannin blend (quebracho & sumac)
- 500 g soda ash
- 60 ml synthrapol soap
- 100 g orvus paste (soap)

FABRIC & MISCELLANEOUS SUPPLIES

- 1 m silk organza
- 1 m silk charmeuse
- 1 m Merino wool jersey
- 1 m silk crepe de chine
- 1 m white linen
- 1.4 m narrow width Japanese cotton
- 2 silk habotai scarves
- 2 organic cotton mull shawls
- 4 organic cotton bandanas
- 100 g skein linen yarn
- 2 hemp twine balls
- Ikat tape
- 50 card tags with string (for labeling finished pieces when dry)
- 2 needle packs
- pH strips
- 1 watercolour paper pad - If you are sourcing this yourself, choose the size you like or approximately 8.5"x11", cold pressed, and approximately 140lbs.
- 2 dust masks
- The Dyer's Journal

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EQUIPMENT

YOU WILL PUT THIS LIST TOGETHER YOURSELF

Once registered, students will find a lecture called “Gathering Metals” which talks about the metal you will need to gather for the workshop.

- The normal studio equipment of an apron, rubber gloves and a dust mask, some old towels and some rags.
- In addition to rubber gloves for the dye pots you will need a pair of heavy work gloves to protect your skin while collecting and working with rusted iron and other metals.
- If you are sensitive to 5% vinegar then you will need a respirator mask.
- One stainless steel pot 12 litres or more.
- A heat source such as a stove, a hotplate, a butane burner etc.
- Measuring spoons.
- 2-3 stainless steel stirring spoons.
- 2-3 set of stainless steel tongs.
- 1 plastic bucket (approx. 10-12 quarts / 10-12 litres) for your indigo vat.
- 2-3 additional buckets (approximately 10-12 quarts / 10-12 litres).
- A 4 cup measuring cup / 1 litre measuring cup.
- 3-4 plastic or rubber basins (approximately 15” x 20”).
- 3-4 plastic containers (approx. 250 ml).
- A small sieve approx. 6” - 12” in stainless steel or plastic. It will be used to prevent any large rust pieces from going down the drain. This is a studio sieve – not to be used for food.
- 3 spray bottles of 250-500 ml (1 - 2 cups).
- 3-5 ml plastic to cover your work area.
- Lightweight plastic to wrap your rusting pieces in (clear garbage bags are great). You can wipe this down and reuse it throughout the workshop.
- A digital kitchen scale that measures to one gram.
- 5-6 glass canning jars - 1 litre / 1 quart.
- A small all-purpose brush to remove excess rust off your metal pieces.
- 4 large potatoes that are high in starch, such as: Russet, Idaho, Yukon, etc.
- 50-100 tea bags - black tea (for the tannin).
- 1 litre of household vinegar (5% strength of acetic acid).
- 500 ml hydrogen peroxide - no stronger than 3%.
- 500 g household salt – any salt will work such as table salt, iodized, sea salt, kosher, etc.
- Tyvek tags - you can source these as Tyvek envelopes from Fedex or Tyvek sheeting from construction supply stores. Larger pieces of Tyvek can be cut into pieces that will go through the dye processes.
- You will also need a variety of things to try some shaped resists techniques with indigo. These could include: elastic bands, string, popsicle sticks, clothes pegs, dried soya beans, pebbles, beads, bamboo sushi mat, etc.
- **Optional:** a selection of shapes in wood or plexiglass for resist work. We have included a PDF below with suggested sizes & shapes. The workshop does not depend on this but some of you may want to experiment. In the workshop we have lots of suggestions for achieving pattern with and without these shapes.
- **Optional:** plastic spring clamps found in hardware stores. In Canada, we like the “Mastercraft” brand. Sizes 3/4” to 3” work well for these projects
- **Optional:** a metal file that can be useful for taking the edge off of sharp pieces of metal before working with them.