



# CLOTH AT HAND - SCAVENGER HUNT LIST

*This is the big list to help you on your scavenger hunt to locate what you need.*

## Materials to Dye- The Cloth at Hand

- Approximately 1-2 pounds natural fiber cloth. Examples: 1-3 pieces of clothing, a sheet, curtain, or a few flat woven kitchen towels. May include threads.

## Dye Studio Equipment -Essentials

- Heat source: Hot plate, stove, crock pot, bucket immersion heater etc
- Dye vessel: ideally non reactive like a stainless steel or heat proof glass pot
- Set up for steaming - lots of options. (TIP: Asparagus pots come with a steamer insert.)
- 5 gallon Bucket
- Stir sticks or spoons
- Clean up towels
- Good Rubber Gloves
- Dust Mask

## Dye Studio Equipment -helpful

- Kitchen scale, with gram accuracy
- A few extra buckets
- Tongs
- Paint straining bag
- Cooking Thermometer
- Apron & Hot mitts
- Drying rack or line
- Jar lifter

## Sewing Equipment

- Scissors
- Needles + Thread to sew with
- Sewing - handy but Optional
- Seam ripper
- Sewing machine
- Iron & ironing safe surface

## Chemistry for the Dye Cauldron

- 3# Baking soda to transform into soda ash. (Or 2# Soda Ash, AKA  $\text{Na}_2\text{CO}_3$ )
- 4 -8 ounces Alum (Potassium Aluminum sulfate, or aluminum sulfate, or rock alum are all good.)
- One Gallon Vinegar, preferably distilled
- 2-8 ounces Calcium Carbonate,  $\text{CaCO}_3$  AKA Chalk Can be made with egg shells - start saving them!
- 1/2# Wheat Bran
- Rusty bits + vinegar, or Ferrous Sulfate

## Chemistry -optional

- Optional: Borax
- Optional: Diastatic Malt powder
- Optional: Oxyclean stain powder

## Note Taking Supplies

- Pens and notebook
- Paper for Botanical Printing

## Dyes -Befriend Some Plants!

- Clippers or good pocket knife for harvesting plants
- Familiarize yourself with the plants that grow around you. Try a plant ID app, or go for a native plant walk at a nature center. (See separate plant resource list for specific ideas to look out for.)
- Start saving onion skin.

*Approach gathering your materials as an adventure. Start at home and then expand out to flea markets, thrift stores, used restaurant supply stores, western grocery stores, Asian Markets, and hardware stores -all good places to locate many of the items. Online is also always an option. See resource list in Set-Up module.*