

LEE S. McDONALD, INC. est. 1976

THE SOURCE FOR THE PAPER ARTS

Setting up a Papermaking Studio for Children

Children are often very concerned about ecology - papermaking allows the student to create something of use and beauty using bits of nature and scraps of yesterday's news.

Recycled Paper - try all sorts of different papers:- wrapping paper, comics, magazines, brown bags, tissue paper and egg cartons. Tear into small pieces and soak before blending.

Coloring the pulp - recycled colored paper stocks will add color to the pulp. Also try food grade vegetable dyes.

Natural and not so natural additives - flowers, ferns, threads and metallic glitter - anything you can think of. Fresh flowers will retain more color if the sheet is air dried, not pressed.

Per/ten papermakers:

At least - 5 moulds & deckles
 4 vats - less if teaching young children.
 20 felts - the more the better.

Something to mix the pulp - A blender, a drill with a mixing attachment, a **Whiz-mixer**, or a **Hydra-Hollander Beater**.

make paper, make art™

LSM, INC. PO BOX 290264 CHARLESTOWN, MA 02129 TEL: 617 242-2505 FAX: 617 242-8825 MCPAPER@AOL.COM

PULP - One pound of dry pulp will make approximately 50-75 sheets sized 5 1/2" x 8 1/2", 25 - 50 sheets size 8 1/2" x 11" , or 10 - 25 sheets size 12" x 18".

If you are re-hydrating your pulp with a whiz mixer or blender, and you are experimenting with sheet formation and / or paper casting, we recommend:

Cotton linters - 2nd cut - 225 HL or 282 RS

Abaca sheet pulp - wonderful long fibers - a little bit adds a lot of strength and character.

Ready-to -Use Pulp - If you do not have re-hydrating equipment or a beater, we also offer 5 gallon pails of Ready-to-Use Pulp. Each pail contains 2 pounds of dry pulp. Pulp is beaten to your specifications; and we can add sizing or methyl cellulose.

MOULDS A good quality Mould & Deckle is always the best investment - we recommend the teacher have at least one for demonstration. We offer good quality, affordable moulds & deckles, perfect for the beginning or intermediate student papermaker.

Cooper Moulds or Cooper Kits
Student Moulds or Student Kits
Basic Moulds or Basic Kits

EQUIPMENT You can begin with just a sink, some felts and a rolling pin; however, our **Papermaking Kits** contain almost everything you need:

Mould & deckle
Felts for couching
Sheet pulp - cotton and Abaca
Instructions

Vats - Also, you will probably need vats - we offer many sizes for your varied papermaking needs. Select one large enough to easily maneuver your mould and deckle.

Felts - our 17L is the easiest, best for beginners - available cut to size, or for the best value - cut your own from our 78" x 80" piece. The more the better - cut them larger than the paper size you are making.

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***Chemicals and Children do not mix** - please exercise caution.

We can recommend:

Methyl Cellulose - used as an adhesive, and sizing - adds a little strength. Totally non-toxic, a food grade additive, safe if digested. 1oz. will make 1 to 1 1/2 cups of stock solution; less than a cup of solution is needed per pound of fiber.

We provide chemical instruction sheets with purchased chemicals. Please ask for the related **MSDS** (Manufacturer's Safety Data Sheet).

Additional equipment and accessories you should have:

- Buckets and a plastic trash barrel to soak and mix the pulp.
- Pressing boards or platens - larger than the paper size you are making
- Drying rack, clothes line, or flat surface to dry the sheets.

BOOKS

These are our favorite books for beginner and advanced papermakers alike:

Teaching Hand Papermaking

A classroom Guide

Gloria Zmolek Smith

The Art and Craft of Papermaking,

Sophie Dawson

The Art of Papermaking,

Bernard Toale

The Papermaker's Companion

Helen Hiebert

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