

PAPER MAKING

Objective Learn how to make paper from already made pulp, or by making your own pulp.

Materials Blender, deckle and mould, large plastic basin, fairly high quality paper, computer paper, writing paper, brown wrapping paper, dried flowers, threads, leaves, pigments—or you can order ready-made pulp. Felt for putting paper on.

Activity Put torn or shredded paper into blender with enough water to make a watery mush when blended. Place the pulp into basin—one part pulp to four parts water. Add pigments to colour pulp if desired. You may also add leaves, coloured threads, etc. Hold the screen vertically so that it faces you with the mesh facing upwards and the deckle held firmly in place on top of the mould. Lower the screen into the basin and gently push it away from you. Swish it around, gathering pulp until you have covered the entire screen.

Remove from basin and let it drain for 20 seconds. Remove deckle and carefully and quickly lower the screen onto the felt. With a damp sponge squeeze excess water from sheet of paper as you press the sponge along the screen. Lift screen off the paper. Allow sheet to dry before removing from felt. While it is drying you can press leaves, flowers, or threads into the sheet. If you want to use your paper for a piece of sculpture, it is a good idea to add ½ teaspoon of powdered methylcellulose to every pound of dry fibre to strengthen the finished paper, and it also helps to make it more durable.

Content Standards

- Standard 1: Creating, performing, and participating in the Arts.
- Standard 2: Knowing and using art materials and resources.

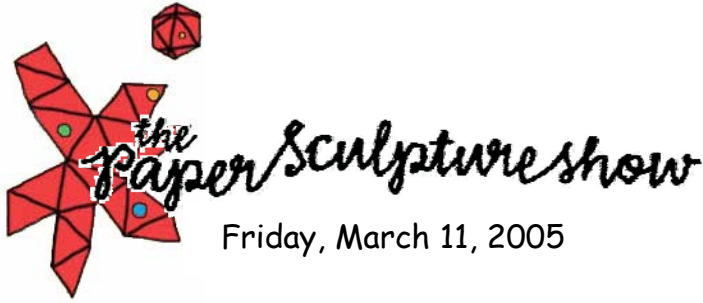
Papermaking supplies are available from a variety of sources; here's one:
Twinrocker, PO Box 413, Brookston, Indiana 47923
Tel: 317-563-3119, www.twinrocker.com, e-mail: twinrocker@twinrocker.com

Lesson written by Raphaela McCormack



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Friday, March 11, 2005

PAPER PLAY

Objective To explore and experiment with ways to transform paper in a fun, creative way.

Materials Activity A: Colored construction paper, scissors.
Activity B: Colored construction paper, scissors (with variety of cutting blades), glue sticks, stapler, tape, paper crimper, hole punch, ruler, paper shredder, Exacto knife (for older students), tacks.

Activity A

- Divide into small groups (6-8).
- Each group receives one piece of construction paper and one pair of scissors.
- Each group tries to make as many changes to the paper as possible. (i.e., ripping, bending, weaving, folding, curling)
- Groups are separated into different locations to avoid seeing each other's activities.
- When finished, groups share their experience with others.

Activity B

- Give each group 1 piece of paper and all tools listed for Activity B.
- Repeat steps.
- When finished, share and compare the experiences of the two activities.

Content Standards

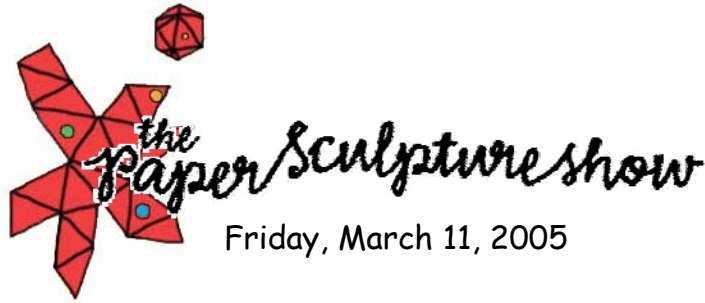
Standard 1: Creating, performing, and participating in the Arts.
Standard 2: Knowing and using art materials and resources.
Standard 3: Comparing both the results and processes involved in the two activities, reflect on the creative decisions made collaboratively by the group.

Lesson written by Martha Moore



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VESSEL MAKING

Objective To create vessels that reflect elements of a personal nature.

- Materials**
- Colored tissue papers
 - Art paste, Elmer's glue
 - Brushes for glue
 - Wooden skewers
 - Feathers
 - Yarns, metallic thread
 - Leaves, dried flowers
 - Wire, scissors
 - Plastic or Styrofoam forms—i.e., bowls, cups, tubs or balloons, flower pots, aluminum foil trays
 - "Pam" cooking oil spray

- Activity**
- Choose desired form and a variety of materials.
 - Tear or cut tissue paper into suitable sizes.
 - Spray form with "Pam" if needed.
 - Add first layer of paper with glue and brush.
 - After first layer of paper, begin to add embellishments as desired.
 - Continue process, building up at least 4 layers.
 - Let dry over night. Gently remove vessel from form and continue to add materials, if desired.

- Content Standards**
- Standard 1: Creating, performing, and participating in the Arts.
 Standard 2: Knowing and using art materials and resources.
 Standard 3: Using the list of descriptors provided below, respond critically to the finished piece.
 Standard 4: Visiting the MAG collection, find examples of vessels from a variety of cultures. Compare and contrast both aesthetics and functional similarities and differences.

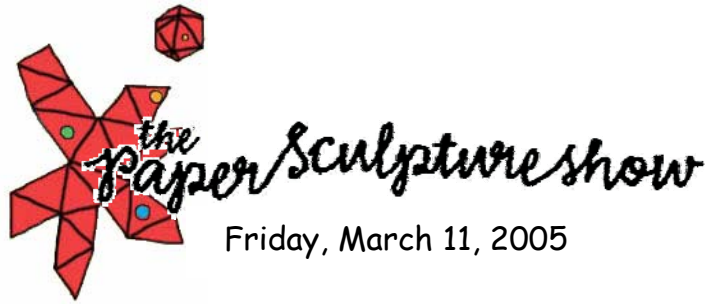
Descriptors	Protection	Birth, death	Memory
About	Security	Transport	Dreams, hopes
Vessels	Letting go	Transcendence	Mythology
	Keeping	Containment	Nourishment
	Growth, change	Ceremony	And ?

Lesson written by Martha Moore



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RESOURCES FOR TEACHERS AND STUDENTS

Making Art with Paper

Browning, Marie. *Hand Decorating Paper*. New York: Sterling Publishing Co., Inc., 2002.

**Complete Book of Papercrafts: Truly Comprehensive Collection of Papercraft Ideas, Designs, and Techniques with over 300 projects*. London: Lorenz, 1999.

*Hopf, Claudia. *Scherenschnitte: Traditional Papercutting*. Lebanon, PA; Applied Arts Publications, 1979.

**Made With Paper*. Museum of Contemporary Crafts. Container Corporation of America, 1967.

Papercrafts and Origami: A Comprehensive Collection of Paper Craft ideas, designs and techniques with over 300 projects. Hermes House, 2002.

*Ritchie, Carson. *Art in Paper*. South Brunswick: AS Barnes, 1976.

Shannon, Faith. *Paper Pleasures: the Creative Guide to Papercraft*. New York: Weidenfeld & Nicolson, 1987.

Stevens, Clive. *Paper Craft School*. Pleasantville, NY: Reader's Digest Association, Inc., 1996.

*Tofts, Hannah. *The 3-D Paper Book: Fun Things to Make and Do with Paper*. New York: Simon & Schuster Books for Young Readers, 1990.

Making Paper

Elliot, Marion. *Paper Making: How to Create Original Effects with Paper, including Watermarked, Embossed and Marbled Papers—13 projects*. New York: Henry Holt & Company, 1995.

*Hiebert, Helen. *Papermaking with Plants: Creative Recipes and Projects using Herbs, Flowers, Grasses and Leaves*. Pownal, VT: Storey Books, 1998.

Kenny, Carla and John. *The Art of Papier Mâché*. Philadelphia: Chilton Book Company, 1968.

Pinder, Polly. *Scented Herb Papers: How to Use Natural Scents and Colours in Hand-made Recycled and Plant Papers*. Search Press, 1995.

Stearns, Lynn, ed. *Papermaking for Basketry and Other Crafts*. North Carolina: Lark Books, 1992.

Watson, David. *Creative Handmade Paper: How to Make Paper from Recycled and Natural Materials*. Search Press, 1992.

Making Books

- *Aliki. *How a Book Is Made*. New York: HarperCollins Publishers, 1986. Juvenile book includes all the steps from author to designer to printer and salesman.
- *Brookfield, Karen. *Book*. New York: Dorling Kindersley, 1993.
- LaPlantz, Shereen. *Cover to Cover: Creative Techniques for Making Beautiful Books, Journals, and Albums*. Ashville, NC: Lark Books, 1995.
- *Macaulay, David. *Building the Book Cathedral: The Story of its Construction*. Boston: Houghton Mifflin Co., 1999.
- *Weiss, Harvey. *How to Make Your Own Books*. New York: Thomas Y. Crowell Co., 1974.

Pop-Up Books and Other Creative Formats

- *Buxton, John. *Secret Treasures*. Washington, DC: National Geographic Society, 1993. (Mesa Verde, Tikal, Egypt, Pompei, Xi'an)
 - *Crespi, Francesca. *A Walk in Monet's Garden: Full Color Pop-up with Guided Tour*. Boston: Little, Brown, 1995.
 - *Diehn, Gwen. *Making Books that Fly, Fold, Wrap, Hide, Pop up, Twist, and Turn: Books for Kids to Make*. Asheville, NC: Lark Books, 1998.
 - *Escher, M. C. *The Pop-up Book of M. C. Escher*. Petaluma, CA: Pomegranate Artbooks, 1991.
 - *Hersey, Bob. *Norman Rockwell: a Pop-up Art Experience*. New York: Universe Publishing, distributed by St. Martin's Press, 1999.
 - *Hawcock, David. *The Amazing Pop-up Pull-out Mummy*. New York: Dorling Kindersley, 2000.
 - *King, Celia. *The Seven Ancient Wonders of the World*. San Francisco, CA: Chronicle Books, 1990.
 - *Marchand, Pierre. *The Art of Painting: Kingfisher Kaleidoscopes*. London: Kingfisher, 1994.
 - *Petras, Kathryn and Ross. *Mythology: Tales and Legends of the Gods*. Fandex Family Field Guide. New York: Workman Publishing Co., 1998.
 - *Provinsen, Alice. *Leonardo da Vinci: the Artist, Inventor, Scientist in Three-Dimensional Movable Pictures*. New York: Viking Press, 1984.
 - *Seymour, Peter. *Discovering Our Past*. New York: Macmillan Pub. Co., 1986.
 - *Young, Jay. *The Art of Science: a Pop-up Adventure in Art*. Cambridge, MA: Candlewick Press, 1999.
 - *Williams, Nancy (illustrated by Robert Sabuda). *Kwanzaa Celebration: A Pop-up Book*. New York: Little Simon, 1995.
- (*) *Available in the Teacher Resource Center, MAG 3rd floor. Area teachers have free borrowing privileges. Call 585-276-8999 or <http://mag.rochester.edu/trc/>*