



materials for the arts

Recycled Paper - Papermaking

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Grade: 4/5

Teaching Point: Good art students will learn the basic process of papermaking by using recycled scraps of paper and by following a sequence order.

CCLS Standards: The Arts

Standard 1: Creating, Performing, and Participating in the Arts Students will actively engage in the processes that constitute creation and performance in the arts (dance, music, theatre, and visual arts) and participate in various roles in the arts.

Standard 2: Knowing and Using Arts Materials and Resources Students will be knowledgeable about and make use of the materials and resources available for participation in the arts in various roles.

Standard 3: Responding to and Analyzing Works of Art Students will respond critically to a variety of works in the arts, connecting the individual work to other works and to other aspects of human endeavor and thought.

Standard 4: Understanding the Cultural Contributions of the Arts Students will develop an understanding of the personal and cultural forces that shape artistic communication and how the arts in turn shape the diverse cultures of past and present society.

Lesson Objectives:

- Make paper from recycled scraps.
- Be able to discuss papermaking and the basic tools required.
- Develop an understanding of recycling.

Materials:

- Mould and deckle.
- A plastic dishpan
- Kitchen blender
- Water
- Paper scraps

Vocabulary:

- Recycle
- Pulp
- Conserve



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- Mould

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Model: Teacher shows students pieces of recycled paper. Teacher puts some water into a dishpan and into the blender. Then slowly starts to add small pieces of recycled paper into the blender. Showing students each step of the process, with the mess side of the mould facing up, place the deckle on top. Teacher shows students how to submerge the mould and deckle under the pulp. Teacher slowly raises the mould and deckle to the top of the vat so that it is free of the water. Teacher then allows the mould to drain and deckle to drain. A layer of pulp is now on the mould. Teacher shows students how to gently place the mould, pulp side down onto the felt.

Questions:

1. What does the word conserve mean?
2. How does recycling paper conserve trees?
3. Why is it important to buy products made from recycled materials?

Active Engagement: Students work together to blend the paper. Together students pick and add different colors to their project. Trying as partners to re-event the steps that the teacher taught them. Experimenting different moulds.

Independent: Students work independently first creating a flow map of each step that was taken to make the paper. Then students take a handful of the pulp mixture and put the paper in the blenders. Following each as the teacher taught them continue to layer the mould on the deckle and drain it, creating a shape or a piece of art as they wish.

Assessment: Each sheet of paper should form closely to the shape of the deckle. The thickness of the paper should be manageable. Students should be able to demonstrate some control of the design, texture as well as the color of their piece.

Homework: Students will look on packaged items for the symbol that indicates that a product is made from recycled materials. Then students will list the content of the recycled material.

Place that Students can Visit: “The Paper Source” in Soho, NY

Website:

http://www.ecokids.ca/pub/fun_n_games/printables/activities/assets/science_nature/paper_making.pdf