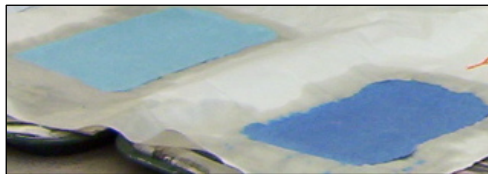




EXPANDING THE ACTIVITY:



Fieldtrips: On the Paper Trail

Visiting paper mills, stores, museums, and artists can tie papermaking to the students' lives. Below are some New York locations, but you might find others in your area.

- SUNY-ESF—Department of Paper Science and Engineering
1 Forestry Drive, Syracuse, NY
315-470-6501
<http://www.esf.edu/pse/>
View papermaking equipment and try making sheets of paper.
Tours are free and tailored for age and interests.
- International Paper Company
Ticonderoga, NY
518-585-5300
http://www.ippaper.com/about_mills_ny_tic.html
Tours begin in the woodlot and end in the finishing room.
Tours must be arranged in advance and are only for youth 12 and older.
- Dieu Donne Papermill
433 Broome Street, New York, NY
212-226-0573
<http://www.dieudonne.org/>
Artist studio dedicated to creating art through handmade paper.
Call for group tours.
- Farmer's Museum
Cooperstown, NY
888-547-1405
<http://www.farmersmuseum.org/>
Samples of early paper and paper staining manufactory.
Reduced rate for school group admissions. Special youth workshops often available on request.

Grow Plants for Papermaking

Your choice of plants for making paper is HUGE! You can collect grasses and fibrous plants along the roadside. Recycle inedible parts of fruits and vegetables from your kitchen. Grab some straw or hay from the barn. Purchase discounted "end-of-season" plants from your local nursery or garden store. Grow vegetables, flowers, grasses, and bast plants in your garden. For convenience, try these online resources for ordering seeds:

Burpee:
<http://www.burpee.com/>

Thompson and Morgan: <http://seeds.thompson-morgan.com/us/en/index>

Local Harvest:
<http://www.localharvest.org/store/seeds.jsp>

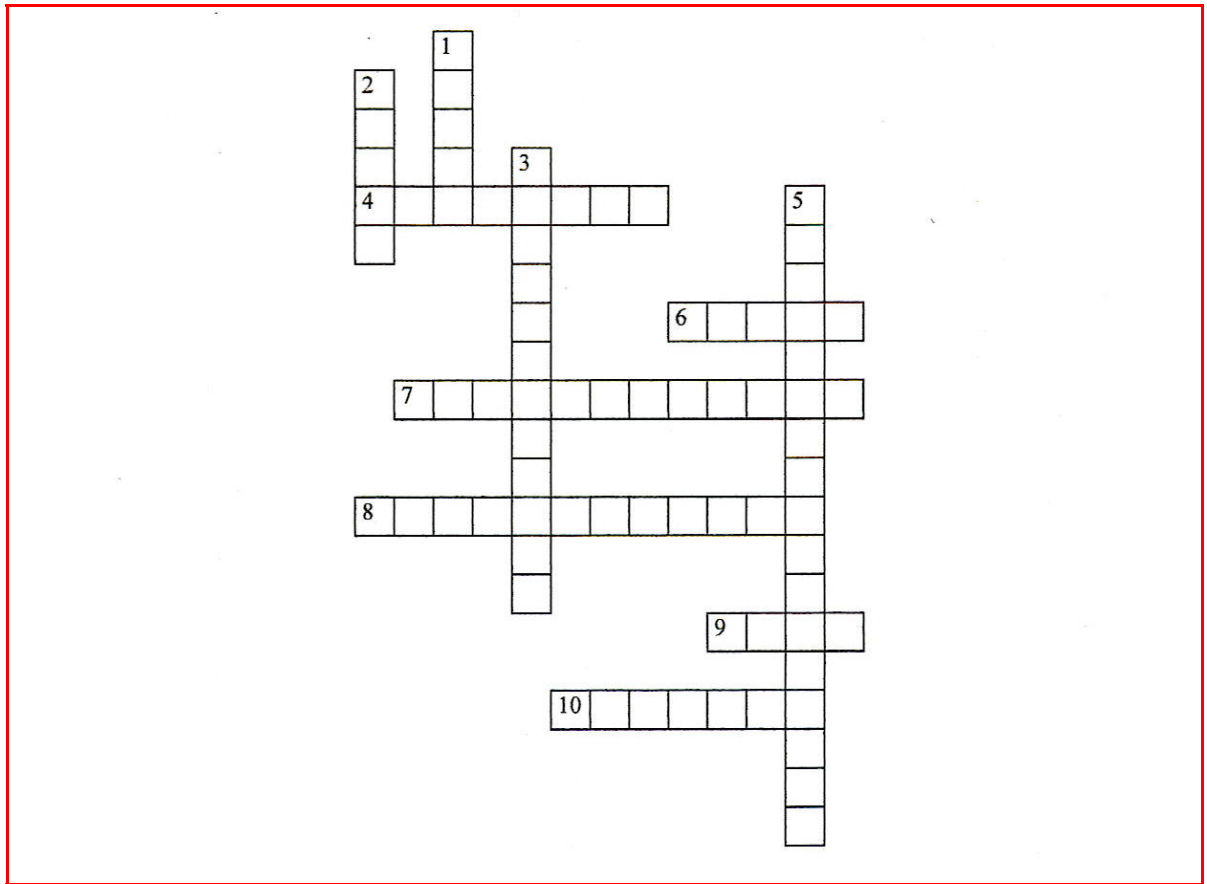
Make a "Watermark"

Make a "watermark" for one of the molds by embroidering a small heart onto the screen. As the students get more sophisticated about making their own paper, show them how paper money uses watermarks to foil counter fitters and encourage them to identify their paper in this manner.

Crossword Puzzle Answers (puzzle on next page)

1. Japan
2. China
3. Cotton Linter
4. Non-woven
5. Alkaline Substance
6. Straw
7. Philadelphia
8. *Musa textilis*
9. Bast
10. Georgia

Papermaking Crossword Puzzle



ACROSS

4. Paper is a _____ textile.
6. A common fibrous material used in New York as bedding or insulation.
7. City where the first paper mill was established in the US.
8. The scientific name of Abaca.
9. Type of strong fibers found in the stems of woody plants.
10. State where the Robert C. Williams American Museum of Papermaking is located.

DOWN

1. Country where the sugeta is used.
2. Country where papermaking was invented.
3. Short fibers that cling to cottonseeds after the first ginning.
5. Material added to fibers to dissolve non-cellulose materials.