

Planning Your Visit— Reserving Your Spot

Reservations

Advance registration is required. Call 920-380-7491 early to reserve your date and time.

Planning / Customizing for your needs

This brochure includes a list of hands-on activities, staff-led tours, and presentations. All phases of your visit can be customized to match your curriculum and students' age. Field trip packages exist for each grade, but can be modified upon teacher request.

Time Allotment

Field trips can be scheduled to start as early as 9:00 am or as late as 2:00 pm. Scout trips can be scheduled in advance for after school hours on weekdays.

<u>Group Size</u>	<u>Field trip length</u>
-------------------	--------------------------

≤50 students	2 hours
--------------	---------

51-70 students	2-1/2 hours
----------------	-------------

>70 students	2 sessions: morning & after noon or over 2 days
--------------	--

Need a place for a brown bag lunch? Let's talk about it.

Rates and Chaperones

All members of the group should arrive together and pay with a single payment. Field trip rates are \$3.00 per student, or a \$45 minimum for small groups. Chaperones are free. The required ratio is 1:4 for pre-K through grade 3, and 1:6 above 4th grade. Additional chaperones are welcome. Chaperones are expected to assist Paper Discovery Center staff during the field trip.

Students should wear nametags.

Hear what others have to say about their field trip

"Thank you for a great trip that matches our curriculum perfectly."

Juanita Harrill, Kindergarten Teacher in Appleton

"We enjoyed our day. It was a great experience! We plan to continue this field trip each year."

Cathy Johnson, 4th Grade Teacher in Neenah

"Everything was wonderful and we plan to make this a yearly field trip. This was a multi layered way to integrate Visual Arts, Science, Math, Business and Economics. If you imagine the various disciplines were mixed together like our pulp and laid out to view, they would be as beautiful and seamless as our unique handmade paper. The staff helped to facilitate a very engaging learning experience for all students."

Alice Tzakais, 5th Grade Teacher in Fond du Lac

"The fit with curriculum was very good. They did a great job of using metaphors to explain sophisticated chemical processes. I like the sense of environmental responsibility the tour suggested."

Hilarie Rath, 5th-6th Grade Teacher in Green Bay

"It was good to hear from an industry representative explaining exactly how they use recycled paper and the real life challenges they face in their market...The hands-on papermaking experiment was especially rewarding to me... The material fit perfectly with my curriculum."

Professor William VanLopik—College of the Menominee Nation, Sustainability Program

Paper Discovery Center

425 West Water Street

Appleton, WI 54911

www.PaperDiscoveryCenter.org

Phone: 920-380-7491

Fax: 920-731-2704

E-mail: Barb@paperdiscoverycenter.org



Paper Discovery Center

HOME OF THE PAPER INDUSTRY INTERNATIONAL HALL OF FAME

Student Field Trip Information



*Celebrating All
Things Paper—
The Wonder and
the Legacy*

What to expect

Groups who enter immediately experience the wonder and legacy embodied in the building and its location. The Paper Discovery Center is housed within a historic paper mill overlooking the Fox River.

Our talented staff of educators and volunteers welcome the field trips with an introductory video. The class is then divided into smaller groups for rotations, each lasting about 30 minutes.

Our website, www.PaperDiscoveryCenter.org - 'learn more' menu option—includes field trip activity photos and curriculum connections across grade levels, from pre-K to high school and even beyond.

The wonder and legacy of paper includes the science and technology behind it, the artistry, and the history which once made the Fox River Valley the highest concentration of paper mills in the world!

A field trip to the Paper Discovery Center integrates science, art, and history with an inspiring and relevant industry example that is strongly connected to Wisconsin's heritage.



Kimberly-Clark Corporation has donated funds to support field trips at the Paper Discovery Center. This ensures an outstanding quality at an affordable price.

A range of choices

See website for how these can be combined into packages for each grade level.

HANDS-ON ACTIVITIES

Papermaking

Make paper by hand and learn the same basic processes that are scaled up in a paper machine. A favorite for all ages.

Watershed Exploration

Students build a region with streams, rivers, and lakes, among high and low land mass areas. Then they observe the environmental impact of contaminated run-off and discuss the water cycle.

Tree Game —Bean Bag Toss

Great for young groups. Toss leaves on a deciduous tree and pine boughs on a conifer. Discuss parts of the tree and their function.

INTERACTIVE PRESENTATIONS

Fibers and Scopes

With a video microscope, explore the world of fibers within paper products, such as: corrugated board, sandpaper and tissue. See how their unique structures explain their properties. Appreciate the value of scientific instruments which enable us to observe beyond what the eye can see.

Strength of Water and Paper

Learn what actually holds water and paper together and why—tailored to each age level.

- See examples in nature and demonstrations of water surface tension. Gather, graph, and analyze paper strength data.
- Higher level curriculum concepts include polymers, atoms, and hydrogen bonding.

Paper and the Environment

Learn about recycled paper, such as what is recycled, from where and how. Explore environmental issues of sustainable forestry and healthy rivers.

Energy and Work

Explore advancements from hand-made papermaking to making paper on a machine. Understand how the process ties into the concepts of forces, energy and work, and builds upon simple machines.

PARTICIPATIVE GUIDED TOURS

Tree to Tissue

Explore the transformation from trees into tissue paper. Depending upon curriculum, focus could be on raw materials and trees, simple machines, or energy. It ends with a fun climb through a model paper machine.

Outdoor Learning Center

Fifteen types of trees which are used to make pulp in North America are planted in our outdoor learning center. Learn about and practice how to identify trees (weather permitting).

Health & Hygiene

Walk through a giant sneeze. Identify which paper products help stop the spread of germs and how. Learn about discoveries and the scientists, such as Louis Pasteur.

Windows on the World

Integrate our timeline of technology advancements in the paper industry with the WI and/or US history milestones studied in class. Place events in order, solve riddles, and more.

Our staff will suggest age appropriate packages which can be further customized if desired.