

Grade 4:

The Language of Flowers

This lesson blends botany and history as students examine a variety of historical, contemporary and scientific uses of flowers. In the role of junior scientists, they discover the structure and function of flowers, as well as how plants reproduce through pollination. As historians, they are introduced to the once popular use of flowers as a means of non-verbal communication during the Victorian Age. Connections to today are made when the class brainstorms the many ways we continue to use flowers and plants. Images of locally growing flowering plants and a hands-on horticultural activity complete the lesson.

Layers of Learning:

Botanical Bonanza,
(Discovery Workshop)

Grade 5:

Early American Crafts

Transported back in time to the colonial days of George Washington and Betsy Ross, students discover how men and women lived and worked in rural New England. A map activity begins the lesson as students practice their geography skills, identifying the thirteen colonies and available natural resources. After brainstorming a list of colonial occupations, students examine antique tools to learn more about the work of farmers, homemakers, blacksmiths, cobblers and wheelwrights during the 1700s and 1800s. The lesson closes with a comparison of occupations and tools then and now.

Layers of Learning:

Creating a Nation,
(Discovery Workshop)



Here's what teachers and students have to say about the program!

The presentation was a perfect compliment to the students Colonial Days studies. Thank you!

-teacher, 5th grade

I loved holding the tools. -student, 5th grade

Fantastic lesson– very developmentally appropriate!

-teacher, 1st grade

Thank you for visiting us. I really liked playing with your toys.

-student, 1st grade



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COLLECTIONS IN HAND

PROGRAMS AT YOUR SCHOOL



Heritage Museums & Gardens is proud to continue offering quality programming at your school—*free of charge!*

Education Programs 2009–2010

What we do:

Instructors bring objects from the museum's education collection into classrooms for hands-on experiences that enhance your curriculum. A variety of interactive techniques are used in each lesson.

Lessons for Pre-K and K are 30-45 minutes in length. Lessons for grades 1-5 are 45-60 minutes.

Teachers receive pre- and post-visit materials prior to the lesson. All materials are designed to connect with state curriculum frameworks.

Layers of Learning refers to programs at Heritage Museums & Gardens that will compliment your in-school lesson.

Coming Soon! Brand new programs for Spring 2010. Start planning your field trip today!

**Due to funding support the Collections in Hand program is provided to Cape and Islands schools at no cost.*

To Schedule:

Please call Amanda Meyer, Manager of School and Youth Programs, at 508-888-3300 x160 or email: ameyer@heritagemuseums.org with the following information:

- Contact Name and Phone Number
- School Name and Address
- Grade Level(s) and Lesson(s)
- Number of Classes

Pre-K: On the Go

A perfect complement to your transportation unit, this lesson introduces young learners to different ways of travel on land, in the air and on the water. Participatory activities include a "show-and-tell" of seven antique toys, including a locomotive, covered wagon, motorboat and rocket, a feltboard sorting activity and a sing-along and movement session.

Layers of Learning
On the Go,
(Focus Tour)

Kindergarten: Reading Without Words

This lesson encourages young learners to develop and exercise their observation skills. Participants practice "reading" objects by finding, identifying and interpreting visual clues. Through examination of antique and modern objects such as screwdrivers, ladles, clothespins and dominoes, students discover similarities and differences between living and working now and long ago.

Grade 1: American Children At Play

A selection of antique toys and games from the 1600s to the 1900s such as a stereoscope, a Native American doll and tiddledy winks demonstrates a variety of children's pastimes throughout our country's history. Modern toys and games help to illustrate similarities and differences between the ways children have played in the past and play today. At the end of the lesson, students are invited to test their skill with reproduction toys.

Grades 2-3: The First Americans

An assortment of artifacts and prints illustrates the similarities and differences between food, clothing and shelter across a wide variety of Native American cultures. Gathered around an oversized map of the different culture areas, students discuss the influence of geography and natural resources on the lives of historic Native Peoples. Students also explore the functions of artifacts such as a goat horn spoon, a blackware pottery vessel and an Ojibwa beaded bag, identifying the materials used in their construction.

Grade 3: Whaling: An Industry At Sea

Why did men spend up to five years at sea chasing after whales? This lesson helps students answer this question as they explore the history of whaling and the uses for the products made from whale oil, bone and baleen. Students role-play the capture of a whale by performing a short play written by a 19th century seaman. They then participate in a sensory activity involving different types of whale oil. The lesson concludes with a hands-on exploration of period whaling products, including an oil lamp, a tin of lubricating oil and corset stays.

Layers of Learning:
Scrimshaw and Song,
(Discovery Workshop)