



Wheelbarrow at the Carriage House

Simple Machines

Grades 3-6
90 minutes; \$6 per person

This program introduces students to simple machines in a fun, historical context. Hands-on investigations offer students an opportunity to operate and gather data on a variety of simple machines, including pulleys, inclined planes, and wheels and axles. Activity highlights include a visit to the carriage house where students can experience authentic examples of each of these machines!

Supports NYS Curriculum Standards in Math, Science and Technology (Standard 3 & 5) & Social Studies (Standard 1)

Telegraphy

Grades 3-6
90 minutes; \$6 per person

Telegraphy introduces students to the natural phenomena and technology that made telegraph communication possible. Students construct basic electrical circuits in order to generate signals and communicate using lights and electromagnets. Activity highlights include hands-on experiments, decoding messages in Morse code, and a hunt for artifacts in the Morse Gallery.

Supports NYS Curriculum Standards in Math, Science and Technology (Standards 4 & 5) & Social Studies (Standards 1)



Telegraph Key Pad



Ice Tongs

Levers

Grades 3-6
90 minutes; \$6 per person

The Levers program introduces students to the basic elements of a lever ~ effort, fulcrum, and load ~ as well as the three classes of levers which can be formed by rearranging these elements. Activity highlights include measuring the amount of force required to operate various levers and classifying common levers that were once used by residents and servants at Locust Grove to perform basic household and agricultural tasks.

Supports NYS Curriculum Standards in Math, Science and Technology (Standard 3) & Social Studies (Standard 1)

House Hunt

Grades 3-6

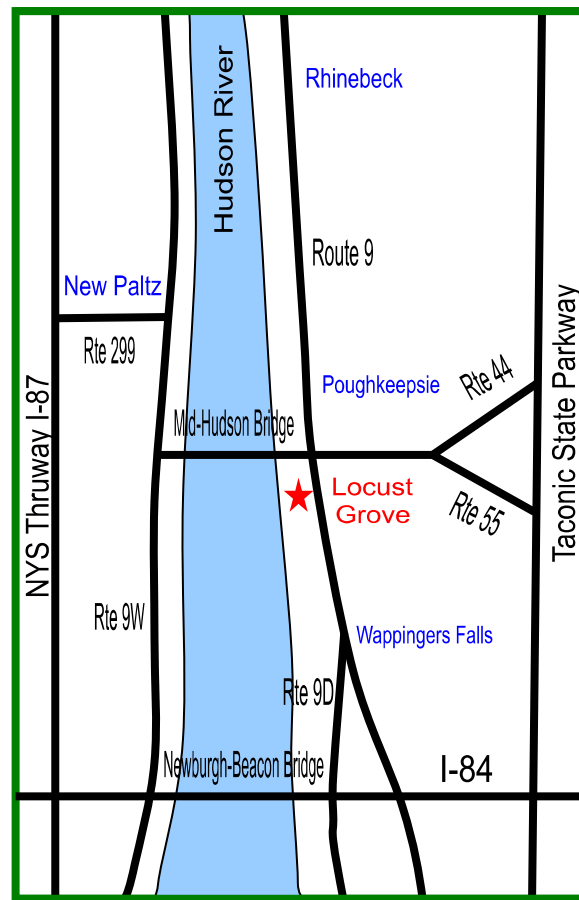
45 minutes; \$8 per person

Students get to tour the historic mansion through a fun scavenger hunt activity. Working in teams of 2-3, students are presented with descriptions of artifacts that were used in the Young family household in the early 1900's. Their challenge is to locate these objects in the mansion and learn their functions. The search list includes simple machines and tools, as well as technologies used for lighting, heating, cooking, cleaning, refrigeration, communication, security and entertainment.

Supports NYS Curriculum Standard in Social Studies (Standard 1)



The Mansion



**Locust Grove is located on Route 9
in
Poughkeepsie, 2 miles south of the
Mid-Hudson Bridge**

*For more information please contact
the Education Department at*

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Locust Grove
Historic Estate • Museum • Nature Preserve

Educational Programs



Locust Grove Museum Pavilion

The education programs at Locust Grove offer quality programming that is both entertaining and educational. Drawing inspiration from the Estate's history; children enjoy a variety of hands-on activities that showcase our four main themes; Science, Art, History, and Nature.