



RAILROAD MUSEUM OF PENNSYLVANIA

Real Trains. Real History. Real Excitement.

A Guide to Education Programs 2010

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Railroad Museum of Pennsylvania
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 On the Web: www.rrmuseumpa.org

***Our mission** is to collect, interpret and preserve significant objects related to Pennsylvania's railroading history and to educate the public about that history through exhibits, special events, research and other programs.*

***Our education programs** satisfy specific Pennsylvania Academic Standards in many subject areas, including Pennsylvania and United States History (8.2 C-D & 8.3 C-D); Geography (7.3 A-D & 7.4 A-B); Economics (6.4 D & G); Civics & Government (5.3 C-D); Health (10.3 A); Science & Technology (3.4 B-C & 3.6 C); Language Arts (1.1 – 1.6); and Arts & Humanities (9.2).*

The Railroad Museum of Pennsylvania is administered by the Pennsylvania Historical & Museum Commission with the active support of the Friends of the Railroad Museum of Pennsylvania.

*Edward G. Rendell, Governor
 Wayne S. Spilove, Chairman
 Barbara Franco, Executive Director (PHMC)
 Charles E. Fox, Museum Director*

Guided Walking Tours

Capacity: (15-20 students per guide and a maximum of three guides per session)

Length of programs: 60-90 minutes

Primary Level

Workin' on the Railroad "A" (Preschool-Grade 1/Ages 3-6)

Through hands-on interaction and role-play, students will begin to explore continuity and change over time, as well as conflict and cooperation among social groups. Students visit the station, build a section of track, shovel coal into a locomotive's firebox, and board a passenger coach.

Workin' on the Railroad "B" (Grades 2-4/Ages 7-10)

Through hands-on interaction and role-play, students will explore continuity and change over time, as well as conflict and cooperation among social groups. Students sort mail in the Railway Post Office, inspect trains as freight conductors, learn and practice lantern and flag signals, as well as load and unload baggage from a vintage passenger train.

Middle Level

Trials & Triumphs (Grades 5-8/Ages 10-14)

Students use vintage maps, photos and primary sources to explore the trials and tribulations of railroading in Pennsylvania during several time periods. Through roleplay, students will learn what it took to start a railroad empire from scratch and keep it profitable. Students will employ critical-thinking and problem-solving skills to compare and contrast how the technology of travel and the experiences of travelers have evolved over two centuries. Students gain an understanding of the dangers of riding and working on the railroad by investigating the causes and aftermaths of real-life railroad disasters. And students will explore the economic and environmental impacts of today's transportation solutions and the part that railroads continue to play. Primary sources, vintage vehicles and artifacts from the Museum's historic collection provide the context for this informative program.

Secondary Level

The Railroaders Tour (Grades 9-12/Ages 15-18)

Students are given an in-depth look at what it was like to work on the railroad. Labor-management relations, technological innovation, safety practices, and gender and race issues are just some of the themes addressed. Tours for students with vision and hearing impairments are also available.

The Evolution of Locomotion (Grades 9-12/Ages 15-18)

Students receive an up-close tour through the development of the engines that pull the trains, from the humble beginnings of steam locomotion in the early 19th century through the magnetically levitated trains of tomorrow. The Museum's historic steam, electric and diesel locomotives star in this informative program.

Pricing – Guided Walking Tours

\$5.00 per student

One adult chaperone is admitted free with every five paid student admissions. Additional adult chaperones are \$9.00 each.
The above fees include basic museum admission, plus access to Stewart Junction: The Railway Education Center.

Workshops – Rail School!

(Various Audiences)

Capacity: Maximum of 20-25 participants

Length of programs: 60-90 minutes

K'NEX Rail Lab

Our versatile Rail Lab program puts the action in the hands of students, using K'NEX building kits and other learning aids to explore various themes relating to the science, technology and architecture of railroading. Topics include: bridges; levers and pulleys; wheels, axles & inclined planes; and gears. Students work in small groups to achieve specific tasks relating to the specific topic.

Orphan Train

Through composition, role-play and hands-on interaction, students will explore the experiences of the thousands of orphan children who were transported by train to foster families throughout the western United States during the late 19th and early 20th centuries. An instructional video and tour of relevant vintage railcars and other artifacts will be included.

On the Fly: Mail the Rail Way

Through composition, role-play and hands-on interaction, students will learn how letter mail was handled and delivered historically by the Railway Mail Service. By working as teams of postal clerks students will quickly and accurately process incoming mail “on the fly” as the train is “speeding” down the track. An instructional video and tour of a vintage Railway Post Office car and other artifacts will be included.

Pricing – Workshops

\$5.00 per student

One adult chaperone is admitted free with every five paid student admissions. Additional adult chaperones are \$9.00 each.
The above fees include basic museum admission, plus access to Stewart Junction: The Railway Education Center.

Traveling Programs – Road Show!

(Various Audiences)

Capacity: Maximum of 20-25 participants

Length of programs: 60-90 minutes (can be adjusted)

Workin' on the Railroad

This program uses a portable model train layout and railroad artifacts to jumpstart the discussion of various railroad-related concepts, including locomotion, safety, timekeeping, etc. With this approach, students see the trains as they were, serving a variety of industries and operating as a “system” alongside other forms of transportation. Other visual aids and handouts accompany the discussion and model railroad simulation.

Live Steam Demonstration

This program uses a working model and test track to demonstrate the physics of steam locomotion. As the prime mover of the Industrial Revolution, steam and all its applications will be explored, along with the evolution of locomotion, from steam to maglev.

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Railroad Slideshows

Capacity: 100 participants maximum per program

Length of programs: 30-60 minutes

Do you need a guest speaker for a dinner, meeting or special event? Perfect for large-group gatherings, our popular slide lectures are designed for the enjoyment of those attending business meetings, banquets and other social gatherings.

Titles:

- *Railroads of Lancaster County*
- *The Pennsylvania Railroad*
- *A Half-Century of Railroad Preservation*
- *175 Years of Riding the Rails*
- *A History of the Strasburg Rail Road*
- *History of Pennsylvania Railroading*

Pricing – Traveling Programs

\$75 per show

A distance fee may be assessed beyond a 30-mile radius of the Museum for all traveling programs.

Special Programs

Electronic Fieldtrips (Distance Learning)

(Various Audiences)

Length of programs: Flexible (30-60 minutes, typically)

Our distance-learning programs are conducted with state-of-the-art video-conferencing equipment and IP technology. We use a combination of scale models, digital and still photographs and other visual aids to address specific topics related to railroading.

Titles:

- **Safety, Trains & You (Safety Around Railroads)**
- **Railroadopoly! (Game of Railroad Empire Building)**
- **Live Steam Demonstration (Steam Power)**
- **175 Years of Railroad Motive Power (Evolution of Locomotion)**
- **175 Years of Riding the Rails (Passenger Travel)**
- **Freight Cars On My Mind (Rail Freight Service)**
- **Art for Rail's Sake (Railroads in Popular Art and Advertisements)**
- **Trailways, Railways & Roadways (Maps and Travel Across Pennsylvania)**

Railroading Badge

(Ages 12-18)

Capacity: 6-15 participants maximum per program

Length of program: 7.5 Hours

The Railroad Museum of Pennsylvania is the perfect setting for boys and girls involved in scouting to earn this exciting badge. The program consists of hands-on interactions with railroad artifacts, the High Iron Challenge railroad simulation, a technology tour and a scavenger hunt. Arrangements can also be made to take a ride on the Strasburg Rail Road.* Classes are held on Saturdays throughout the year, January through December, except on holidays and weekends of Museum special events. All of the requirements for the badge are fulfilled on one day. Spaces fill up fast, so please call early!

*Fees for the Strasburg Rail Road are separate from the program fee for the Railroading Badge with the Railroad Museum of Pennsylvania. You must make arrangements on your own to schedule a ride. The train does not run January through mid-February.

Fieldtrips for Teachers Only!

The Railroad Museum of Pennsylvania is the perfect setting for your faculty in-service event! We offer training programs that give teachers opportunities to sample our tours and learn how to integrate transportation history and technology into their lessons. Visits include behind-the-scenes tours, hands-on interactions with railroad artifacts, and the High Iron Challenge railroad simulation. Contact the Education Office to discuss all the possibilities for a fun, interactive experience for your teachers!

Pricing – Special Programs

Electronic Fieldtrips (Distance Learning)	\$100 per show
This program fee is separate from any line fees you may be charged by your phone company.	
Railroading Badge	\$15 per scout
Program fee includes basic museum admission, plus access to <i>Stewart Junction</i> : The Railway Education Center, for a minimum of 6 and a maximum of 15 scouts. <u>One</u> adult chaperone is admitted free with every <u>five</u> paid scout admissions. Additional adult chaperones are <u>\$9.00 each</u> .	
Fieldtrips for Teachers Only!	Call for Prices

Additional Resources

Stewart Junction: Railway Education Center *Celebrating Its 10th Anniversary In 2010!*

There is something exciting for railroaders of all ages in Stewart Junction! Groups who make reservations through the Education Department can feel free to explore this exhibit area following their tours. There are many challenging and interactive exhibits relating to Pennsylvania's fascinating railroad history in Stewart Junction!

Highlights:

- **Hands-On G-Scale Railroad Simulations**
- **Operating Telegraph & Hands-On Artifacts**
- **RC Geotrax, Trackmaster & Rokenbok Train Layouts**
- **Live Steam Demonstration**
- **Storybooks, Puzzles & Videos**
- **LEGO & Duplo Building Zones**

Media Services

- ✓ **Need fast facts about railroading?**
- ✓ **Have a book report on the Transcontinental Railroad?**
- ✓ **Looking for handouts for class lectures?**
- ✓ **Want a picture for a paper, website or class project?**

For starters, consider **Stewart Junction: Railway Education Center** for your immediate research needs. In addition to its hands-on exhibits and model train displays, Stewart Junction features a separate classroom with a seating capacity of up to 20 students. There is also a ready-reference library filled with railroad books, magazines, photos, clip-art, videos and other media materials for student use. To arrange a visit, or to have reproducible materials sent to you, please contact the Museum Educators.

Second, you may also wish to consult our **Library & Archives**, which houses one of the largest collections in the United States of print and photographic materials devoted exclusively to railroading. Individuals may access the resources of the Library & Archives by making an appointment with our Archivist, at 717/687-8628, extension 3010. Or visit us on the Web: www.rrmuseumpa.org.

Whistle Stop Shop

- ✓ **Looking for the ideal souvenir or keepsake from your visit?**
- ✓ **Have a book report on the Pennsylvania Railroad or steam locomotives?**
- ✓ **Trying the perfect children's book for your classroom story time?**
- ✓ **Want a photo or post card to highlight a class lecture or project?**

Following your tour, make tracks to the Whistle Stop Shop. Our museum store features a whole range of great railroad items for your shopping pleasure, such as educational toys, shirts, hats, umbrellas, socks, gloves, posters, picture frames, special gifts, videos, books, gifts and more! Keep in mind that a portion of every dollar spent in the Whistle Stop Shop goes back into our education programs and activities. Our trained shopkeepers are happy to help our guests find the ideal item. Feel free to contact us at 717 687-8628, ext. 3005. Or visit us on the Web: www.rrmuseumpa.org.

Reservations & Information

EDUCATION DEPARTMENT

Patrick C. Morrison, Museum Educator
Troy A. Grubb, Museum Educator

717/687-8628, ext. 3025
717/687-8628, ext. 3022

pmorrison@state.pa.us
trgrubb@state.pa.us

Have the following information when you call:

- Preferred date of your visit, as well as 2-3 alternate dates
- Number of students and chaperones (Be aware of our group size limits for each program you choose.)
- Age or grade level of students
- Time of arrival
- Length of time allowed for your visit
- Program(s) of choice
- Do you have reservations to ride on the Strasburg Rail Road? Have you scheduled visits with other area attractions? If so, please let us know your day's schedule and when you must depart the Museum.

Keep in mind:

- ✓ For group rates, a minimum of 10 paying visitors is required. (Groups may be combined.)
- ✓ Prices in this guide are subject to change.
- ✓ Museum membership does not apply to group education programs.
- ✓ Plan to have *at least* one adult chaperone for every ten students at all times.
- ✓ Please arrive on time, as every effort is made to adhere to the schedule. If a group is more than 30 late, they may be considered and billed accordingly.
- ✓ Leave enough time for restroom breaks, as well as visits to the Whistle Stop Shop, our museum store.
- ✓ Bear in mind that our Main Exhibit Hall is neither heated nor air-conditioned. Please dress appropriately.
- ✓ Reservations cannot be made on occasions when the Museum is closed. See "Hours of Operation" below.

After your tour, feel free to visit the Whistle Stop Shop, our museum store!

OTHER AREA RAILROAD ATTRACTIONS

The following businesses are not connected with the Railroad Museum of Pennsylvania. For visits to the following institutions, you must make your own reservations with them:

The Strasburg Railroad
717/687-7522

The Choo Choo Barn
800/450-2920

National Toy Train Museum
717/687-8976

HOURS OF OPERATION

April through October:

Monday through Saturday, 9 AM to 5 PM
Sunday, 12 PM to 5 PM

November through March:

Tuesday through Saturday, 9 AM to 5 PM
Sunday, 12 PM to 5 PM

OPEN: Presidents' Day, Memorial Day, Independence Day, Labor Day and Columbus Day

CLOSED: New Year's Day, Veteran's Day, Thanksgiving, Christmas and Mondays, November through March

DIRECTIONS TO THE MUSEUM

From Baltimore & Washington, DC:

I-95 north to I-83 north to Route 30 east (Lancaster). Route 30 east to Route 896 south (Strasburg) to Route 741 east.

From Metro NY, New Jersey & Philadelphia:

New Jersey Turnpike to Pennsylvania Turnpike. Pennsylvania Turnpike west to Exit 286, Route 222 south. Route 222 south to Route 30 east (Lancaster). Route 30 east to Route 896 south (Strasburg). Route 896 south to Route 741 east.

From Pittsburgh:

Pennsylvania Turnpike east to Exit 247, Route 283 east. Route 382 east to Route 30 east (Lancaster). Route 30 east to Route 896 south (Strasburg). Route 896 south to Route 741 east.



EDUCATION PROGRAMS

REGISTRATION FORM

Please enclose a separate Registration Form and Payment for each date a trip is scheduled.
This form may be photocopied.

Group's Name: _____
Address: _____
Contact person(s): _____
Contact phone number: _____ Email: _____ Fax: _____
Date of program: _____ Time of program: _____ Title of program: _____
Grade level: _____ No. of students: _____ No. of chaperones: _____ Amt. enclosed: \$_____

PROGRAM FEES
(Valid through 12/31/10.)

PLEASE REMIT THESE FEES PRIOR TO OR ON THE DATE OF YOUR VISIT:

(Place an "X" next to the program(s) you have chosen. Please make one remittance for the program fee and any adult chaperone fees that may apply.)

- Guided Walking Tours.....\$5.00 per student*
- Workshops\$5.00 per student*
- Traveling Programs (Road Show!).....\$75 per show
A distance fee may be assessed beyond a 30-mile radius of the Museum for all traveling programs.
- Electronic Fieldtrips (Distance Learning).....\$100 per show
This program fee is separate from any line fees you may be charged by your phone company.
- Railroading Badge.....\$15 per scout*
- Other: _____ Cost: _____

ADDITIONAL FEES:

*Adult chaperones are admitted one free with every five student admissions. Additional adult chaperones are \$9.00 each.

To complete the registration process:

- ✓ Please mail or email this registration form to us **no later than 15 days prior to the date of your visit.** Payment must be made prior to or on the date of your visit.
- ✓ Checks and credit cards (VISA/MASTERCARD/DISCOVER/AMERICAN EXPRESS) are accepted as payment. Checks should be made payable to: Railroad Museum of Pennsylvania.
- ✓ The group's admission fee must be paid as a SINGLE TRANSACTION. Individual payments at the ticket desk will be charged full fare per person; discounts will not apply.
- ✓ Once registered, your group agrees to follow all museum policies during their visit with us.
- ✓ By signing below, you agree to the terms above:

Your signature: _____

Thank you!

Thank you!

Thank you!