East Broad Top Railroad

Where History Rides The Rails

www.eastbroadtop.com

FIELD TRIP AND STUDENT GROUP GUIDE K-12

A TIME CAPSULE OF AMERICAN RAILROADING

Experience America's railroading and industrial heritage at the East Broad Top Railroad! Use this guide to help plan your field trip to the East Broad Top for the 2026-2027 and 2027-2028 school year.

We are proud to offer two distinct experiences: Train Excursions and Guided Tours, all meeting your educational needs and tying in with Pennsylvania Curriculum Standards. This student group guide contains logistical information as well as frequently asked questions about visiting the railroad. After confirming your reservation, you will receive an in-depth Teacher's Guide and Student Activity Book, which includes activities, games, and resources to complement your in-person visit. For more detailed information about the East Broad Top, visit our website at **www.eastbroadtop.com**.

Group Reservations and Questions: info@eastbroadtop.com | (814) 447-3285

GUIDE CONTENTS

2 Supporting Teachers
2 Curated Programs and Offerings
3 Train Excursions & Picnics
4 Guided Tours
5 Pricing
7 Educational Standards
12 Bus Parking, ADA Info & Lunch Facilities
13 Lunch Options, Gift Shop & Restrooms
14 Chaperones, Reservations & Safety

SUPPORTING EDUCATORS

Since 1960, the East Broad Top Railroad has welcomed teachers and students to our National Historic Landmark, which the Smithsonian Institution has declared “an incomparable national treasure”. Our educational programs allow students to learn about the history of narrow-gauge railroading, the history and impact of mining on Broad Top Mountain, the innovative techniques which made the East Broad Top stand out from all other railroads, and the perseverance of the men and machines that have allowed the East Broad Top to survive into the 21st Century.

All of our educational offerings tie in to the educational standards laid out by the state of Pennsylvania across all grade levels.

CURATED PROGRAMS AND OFFERINGS

The East Broad Top Railroad is much more than just a train ride! In addition to a scenic train excursion, students will explore antique steam locomotives, vintage rolling stock, and tour our century-old buildings and fully intact belt-driven machine shop. You’ll feel like you just stepped into a moment frozen in time!

Our knowledgeable staff will be on hand to lead guided tours, answer questions, and facilitate a memorable and educational experience for all participants.

Looking for something 100% custom? Please reach out to our group and educational coordinators at info@eastbroadtop.com with your desired itinerary, date, and list of “must sees” and our staff will curate a program just for you! Please note that customized programs may incur additional costs, please contact us for more information.

TRAIN EXCURSIONS

Hop aboard a 30 minute to one-hour train excursion through the scenic Aughwick Valley on America's oldest surviving narrow-gauge railroad! Ride behind a century-old steam engine or vintage diesel locomotive on one of two excursion routes, heading either north to Colgate Grove or South to Pogue, with our friendly train crews on hand answering questions you may have!

Train ride schedules vary seasonally. For the most up-to-date schedule, please visit our website at www.eastbroadtop.com or call us at (814) 447-3285.

PICNICS AT COLGATE GROVE

Stop off at the half-way point of your train journey for a picnic at Colgate Grove! A tradition since 1910, bring your own lunch or purchase a box lunch in advance while you relax during your two hour layover in this picturesque park.

Our picnic pavilions seat up to 200 guests, with restrooms available on-site. Picnic facilities are also available at our Orbisonia station.

GUIDED TOURS

The story of a railroad extends beyond its locomotives and cars. It includes the buildings, facilities, machines, tools, and people that maintained it and kept it operational. Because the East Broad Top Railroad is narrow-gauge, it required its own facilities to maintain its equipment. When the railroad shut down in 1956, the employees simply put their tools down and left, leaving an undisturbed time capsule of America's industrial past. Thanks to extensive restoration and preservation efforts, it all still remains intact today.

Your expert guides will teach you about the history of the East Broad Top Railroad, the history of steam travel in Pennsylvania and the United States, the importance of coal and iron in the region's industrial development, and how man and machine can innovate to solve problems. Step into the roundhouse, the heart of any steam-powered railroad. This is where locomotives were stored, prepared for their days work, and where today where all six of our steam locomotives are housed. You'll then enter the machine shop complex, one of the few facilities of its type in the country. Every machine in this fully-intact shop was powered by a stationary steam engine through an elaborate working of overhead belts and line shafts.

Guided tours last between 45 minutes and an hour, but can be customized to fit your groups needs. Closed toed shoes are required; all tours require visitors to stand and walk for long periods of time throughout the rail yard.

PRICING

Group Size	Train Ride Only (Steam or Diesel)	Train Ride & Guided Tour	Guided Tour Only
10-100 Students	$10 per student $20 per adult*	$12 per student $22 per adult*	$8 per student $14 per adult*
101+ Students	$10 per Student Please contact us for adult pricing	$12 per student Please contact us for adult pricing	$8 per student Please contact us for adult pricing

* All Educational Groups receive one (1) complementary adult ticket per every ten (10) students up to 100 students. If additional chaperones/adults attend, adults will pay rate as described above.

The East Broad Top Railroad requires one adult chaperone for every ten (10) students. All school groups require a minimum of 10 guests, and receive one (1) complementary adult ticket per every ten (10) students, up to groups of 100 students. Additional adult/chaperone tickets may be purchased at the rates listed above. Groups of 101 or more students may qualify for discounted adult ticket rates, please contact us for more information. Public, private, and homeschool students Pre-K through 12th Grade qualify for the student rate.

All educational bookings are first-come, first served and are subject to availability based on the reservation date. Reservations should be made no less than 30 days prior to the group's preferred departure date. A 50% non-refundable deposit is required at the time of booking, and can be paid via cash, check, or credit card.

DETAILED EDUCATIONAL STANDARDS

Pre-K:

3.2.PK.B1: Explore and describe motion of toys and objects.
3.4.PK.B5: Create and describe variations of sound.
6.3.PK: Identify products produced locally.
6.5.PK.C: Identify local businesses.

Kindergarten:

3.2.K.A3: Describe the way matter can change
6.2.K.A: Identify goods and consumers
6.3.K.D: Identify products produced in the region or state.
6.5.K.C: Identify goods and services provided by local businesses.
8.2.K.B: Examine photographs of documents, artifacts, and places unique to Pennsylvania.

1st Grade:

3.2.1.A3: Identify how heating, melting, cooling, etc. may cause changes in properties of materials.
3.2.1.A4: Observe what happens when substances are heated or cooled. Distinguish between changes that are reversible (melting, freezing) and not reversible (e.g. baking a cake, burning fuel).
3.2.1.B1: Demonstrate various types of motion. Observe and describe how pushes and pulls change the motion of objects.
6.2.1.A: Identify goods, consumers, and producers.
6.3.1.A: Identify examples of goods and services.
6.3.1.D: Identify products produced in the United States.
6.5.1.A: Identify individuals who work for wages in the community.
6.5.1.C: Identify businesses and their corresponding goods and service.
8.2.1.A: Identify groups of people who contribute to a community.

DETAILED EDUCATIONAL STANDARDS

2nd Grade:

3.2.2.A3: Demonstrate how heating and cooling may cause changes in the properties of materials
6.2.2.A: Identify goods, services, consumers, and producers in the local community.
6.2.2.E: Identify the impact on a community when a business closes.
6.2.2.G: Identify examples of an economic system.
8.2.2.B: Identify important buildings, statues, and monuments associated with the state's history.
8.2.2.C: Identify how commerce and industry and social organizations have changed over time in Pennsylvania.

3rd Grade:

3.2.3.A3: Demonstrate how heating and cooling may cause changes in the properties of materials.
3.2.3.A4: Use basic reactions to demonstrate observable changes in properties of matter (eg. burning, cooking).
3.2.3.B2: Explore engery's ability to cause motion or create change. Explore how energy can be found in moving objects, light, sound, and heat.
3.4.3.B3: Identify and define products made to meet individual needs versus wants.
3.4.3.C3: Recognize that all products and systems are subject to failure; many products and systems can be fixed.
3.4.3.D2: Observe, analyze and document how simple systems work.
3.4.3.E3: Recognize that tools, machines, products, and systems use energy in order to do work.
3.4.3.E5: Understand that transportation has many parts that work together to help people travel.
6.2.3.A: Identify goods, services, consumers, and producers in the local community.
6.4.3.B: Identify examples of trade, imports, and exports in the local community.
8.2.3.A: Identify the social, political, cultural, and economic contributions of individuals and groups from Pennsylvania.
8.2.3.B: Identify historical documents, artifacts, and places critical to Pennsylvania history.
8.2.3.C: Identify and describe how continuity and change have impacted Pennsylvania history (commerce and industry, technology).

4th Grade:

3.2.4.B1: Explain how an object's change in motion can be observed and measured.
3.2.4.B2: Identify types of energy and their ability to be stored and changed from one form to another.
3.2.4.B6: ENERGY: Give examples of how energy can be transformed from one form to another.
3.4.4.A1: Understand that tools, materials, and skills are used to make things and carry out tasks.
3.4.4.A2: Understand that systems have parts and components that work together.
3.4.4.A3: Describe how various relationships exist between technology and other fields.
3.4.4.B1: Describe how technology affects humans in various ways.
3.4.4.B3: Explain why new technologies are developed and old ones are improved in terms of needs and wants.
3.4.4.C3: Explain how asking questions and making observations help a person understand how things work and can be repaired.
3.4.4.D1: Investigate how things are made and how they can be improved.
3.4.4.D3: Investigate and assess the influence of a specific technology or system on the individual, family, community, and environment.
3.4.4.E4: Explain how information and communication systems allow information to be transferred from human to human.
3.4.4.E5: Recognize that a transportation system has many parts that work together to help people travel and to move goods from place to place.
6.2.4.A: Explain how a product moves from production to consumption.
8.2.4.B: Locate historical documents, artifacts, and places critical to Pennsylvania history.
8.2.4.C: Explain how continuity and change in Pennsylvania history have influenced personal development and history (commerce and industry, technology).

5th Grade:

3.2.5.A1: Describe how water can be changed from one state to another by adding or taking away heat.
3.2.5.B2: Examine how energy can be transferred from one form to another.
3.3.5.A2: Describe the usefulness of Earth's physical resources as raw materials for the human made world.
3.4.5.A1: Explain how people use tools and techniques to help them do things.
3.4.5.A3: Describe how technologies are often combined.
3.4.5.B4: Identify how the way people live and work has changed history in terms of technology.
3.4.5.C3: Identify how invention and innovation are creative ways to turn ideas into real things.
3.4.5.E3: Explain how tools, machines, products, and systems use energy in order to do work.
3.4.5.E5: Examine reasons why a transportation system may lose efficiency or fail.
6.2.5.A: Describe how goods and services are distributed.
8.2.5.B: Illustrate concepts and knowledge of historical documents, artifacts, and places critical to Pennsylvania history.

6th Grade:

3.2.6.B1: Explain how changes in motion require a force.
3.2.6.B2: Describe energy as a property of objects associated with heat, light, electricity, magnetism, mechanical motion, and sound. Differentiate between potential and kinetic energy.
3.4.6.A1: Identify how creative thinking and economic and cultural influences shape technological development.
3.4.6.A2: Describe how systems thinking involves considering how every part relates to others.
3.4.6.A3: Explain how knowledge from other fields of study (STEM) integrate to create new technologies.
3.4.6.B1: Describe how economic, political, and cultural issues are influenced by the development and use of technology.
3.4.6.B4: Demonstrate how new technologies are developed based on people's needs, wants, values and/or interest.
3.4.6.C1: Recognize that requirements for a design include such factors as the desired elements and features of a product or system or the limits that are placed on the design.
3.4.6.E5: Demonstrate how transporting people and goods involves a combination of individuals and sub-systems, such as structural, propulsion, suspension, guidance, control, and support.
6.2.6.A: Describe the interaction of consumers and producers of goods and services in the state and national economy.
6.4.6.D: Explain how transportation, communication networks, and technology contribute to economic interdependence.
8.2.6.B: Describe the importance of significant historical documents, artifacts, and places critical to Pennsylvania history.

7th Grade:

3.2.7.B2: Describe how energy can be changed from one form to another (transformed) as it moves through a system or transferred from one system to another system.
3.2.7.B6: ENERGY: Demonstrate how the transfer of heat energy causes temperature changes.
3.4.7.A1: Explain how technology is closely linked to creativity, which has resulted in innovation and invention.
3.4.7.A2: Explain how different technologies involve different sets of processes.
3.4.7.C1: Describe how design, as a creative planning process, leads to useful products and systems.
3.4.7.C3: Describe how troubleshooting as a problem-solving method may identify the cause of a malfunction in a technological system.
3.4.7.D2: Select and safely use appropriate tools, products, and systems for specific tasks.
8.2.7.B: Identify the role of local communities as related to significant historical documents, artifacts, and places critical to Pennsylvania history.
8.2.7.C: Explain how continuity and change have impacted Pennsylvania history as related to local communities (Commerce and industry, technology).

DETAILED EDUCATIONAL STANDARDS

8th Grade:

3.2.8.B2: Identify situations where kinetic energy is transformed into potential energy, and vice versa.
3.2.8.B3: Explain how changes in temperature are accompanied by changes in kinetic energy.
3.4.8.A1: Analyze the development of technology based on affordability or urgency.
3.4.8.B3: Explain how through history, new technologies have resulted from the demands, values, and interests of individuals, businesses, industries, and societies.
6.4.8.D: Explain how the level of transportation, communication, networks and technology affect economic interdependence.
8.2.8.B: Compare and contrast the importance of significant historical documents, artifacts, and places critical to Pennsylvania history.
8.2.8.C: Compare and contrast the ways continuity and change have impacted Pennsylvania history (commerce and industry, technology).

9th Grade:

6.2.9.A: Analyze the flow of goods and services in the national economy.
6.2.9.E: Analyze the characteristics of economic expansion, recession, and depression.
8.2.9.B: Compare the impact of historical documents, artifacts, and places in Pennsylvania which are critical to U.S. History.
8.2.9.C: Compare and contrast how continuity and change in Pennsylvania are interrelated throughout U.S. history. (Commerce and industry, technology).

10th Grade:

I3.4.10.A1: Illustrate how the development of technologies is often driven by profit and an economic market.
3.4.10.B4: Recognize that technological development has been evolutionary, the result of a series of refinements to a basic invention.
3.4.10.D3: Synthesize data, analyze trends, and draw conclusions regarding the effect of technology on the individual, society, and the environment.
3.4.10.E5: Analyze the development of transportation services and methods and their impact on society.

DETAILED EDUCATIONAL STANDARDS

12th Grade:

3.4.12.A3: Demonstrate how technological progress promotes the advancement of science, technology, engineering and mathematics (STEM).
3.4.12.B1: Analyze ethical, social, economic, and cultural considerations as related to the development, selection, and use of technologies.
3.4.12.B2: Illustrate how, with the aid of technology, various aspects of the environment can be monitored to provide information for decision making.
3.4.12.C3: Apply the concept that many technological problems require a multi-disciplinary approach.
3.4.12.E5: Explain how the design of intelligent and non-intelligent transportation systems depends on many processes and innovative techniques.
8.2.1.12.A: Evaluate the role groups and individuals from Pennsylvania played in the social, political, cultural, and economic development of the US and the world.
8.2.12.B: Evaluate the impact of historical documents, artifacts, and places in Pennsylvania which are critical to U.S. History and the world.
8.2.12.C: Evaluate continuity and change in Pennsylvania are interrelated to the U.S. and the world. (Commerce and Industry, Technology).

MORE INFORMATION

For complete booking information, please visit: **www.eastbroadtop.com**

Questions? Contact our Education Coordinator: info@eastbroadtop.com

BUS PARKING

We offer convenient and complementary parking for all of our guests. Our parking lot directly south of the Orbisonia Station on Meadow Street (next to our roundhouse) can accommodate several busses. Our lot off of Iron Street directly north of the Orbisonia Station can also accommodate several busses. Upon arrival, one of our team members will guide bus drivers where to park. Buses are free to remain on site during the duration of your trip.

ADA ACCESSABILITY

We are one of the few tourist railroads in the United States that offers ADA accessible train rides! Guests in wheelchairs, mobility scooters, or other devices are able to ride the train in either Enclosed Coach or Open Air classes of service, and will board using our on-train lifts. Lifts can accommodate wheelchairs and mobility scooters weighing up to 600 lbs.

Due to the historic nature of the facilities, some buildings on the guided tour are not ADA accessible. Guests will be walking over uneven surfaces, including gravel, multiple sets of railroad tracks, and will enter buildings that include narrow passageways. Our tours can be customized to allow guests needing mobility assistance access to our belt driven machine shop, please contact us for more information.

To reserve tickets for ADA accessible cars or tours, please contact us ahead of time.

LUNCH FACILITIES

Your group is welcome to use our outdoor picnic facilities, directly located behind our Orbisonia Station during your visit. We have un-reserved seating for up to 60 guests on picnic tables behind the station. Guests are welcome to bring picnic blankets to have a picnic on the ground.

An outdoor covered pavilion located steps away from the Orbisonia Station can also be rented ($50.00) for your students for lunch. Each rental is for a scheduled, one-hour lunch time.

If you would like to utilize Colgate Grove for your picnic lunch, please contact us ahead of time to make arrangements. Groups using Colgate Grove will be at the grove for 90 minutes between trains, with no road access available during the layover.

FOOD TRUCKS AND BOXED LUNCHES

On most weekends, the East Broad Top partners with a local food vendor to provide lunch, beverages, and snacks behind our Orbisonia Station. Food trucks are generally available from 10:30 AM to 3:00 PM, featuring a variety of cuisine options. Please note several food trucks visiting the East Broad Top are cash only, contact us in advance to know what option(s) will be available the date of your visit.

Boxed Lunches are available for advance purchase for your group. **Box Lunches are $15 per guest and include your choice of wrap, bag of chips, Amish macaroni salad, and a bottle of water.**

Boxed lunch options include:

- Chicken Bacon Ranch Wrap
- Buffalo Chicken Wrap
- Chicken Caesar Wrap
- Mediterranean Wrap (Veggie)

Gluten free options are available as well. All boxed lunches need to be arranged no later than two (2) weeks prior to the date of your visit.

GIFT SHOP

Our on-site gift shop is available for all of our guests and groups to enjoy throughout the duration of your trip. If your group would like to schedule to shop during their visit, we would be happy to include that in your schedule. We may limit student group sizes inside the building at one time, and recommend students come prepared with cash for their visit.

RESTROOM FACILITIES

Public restrooms are located directly north of the Orbisonia Station adjacent to the Iron Street Parking Lot. These ADA-accessible restrooms are available for your use throughout your visit. The Rockhill Trolley Museum also has restroom facilities available at their Trolley Pavilion.

Due to the historic nature of our equipment and buildings, restrooms are not available during guided tours or during your train ride/trolley ride. Guests are encouraged to use the facilities prior to your departure time or after your excursion or tour.

CHAPERONES & IDENTIFICATION

As you prepare for your upcoming trip, please note that we require one adult chaperone for every ten (10) students throughout the duration of your trip. This helps to ensure that all of our guests have a safe and enjoyable experience. Students and chaperones should dress appropriately for expected weather conditions and wear closed-toed shoes, as you will need to go outside to access our facility.

RESERVATIONS & PAYMENT

All educational bookings are first-come, first served and are subject to availability based on the reservation date. Reservations should be made no less than 30 days prior to the group's preferred departure date. A 50% non-refundable deposit is required at the time of booking, and can be paid via cash, check, or credit card. Full payment is required two (2) weeks prior to your scheduled visit.

If a group trip needs to be rescheduled, please contact the railroad no later than 30 days before the scheduled visit date. The East Broad Top Railroad will do its best to work with your group to reschedule your event. If your group cancels their trip seven (7) days prior to the scheduled event, payment received is non-refundable.

Prices are subject to change without notice. Client assumes all responsibility and financial liabilities in the event of damages.

SAFETY

Our facility is a real, active working railroad yard, operating in the same way it has since 1872. There are train tracks and rails embedded into the ground that are sometimes used by our operating trains. We ask that students refrain from running, outdoors or indoors, as there may be tripping hazards.

In the event that a member of your group becomes injured or requires medical attention during your visit, please notify a member of our staff. We are equipped with several first aid devices, automated external defibrillators (AEDs), and will contact emergency medical response as needed.