



EDUCATION OPPORTUNITIES: KEY STAGE 1

Nene Valley Railway Education Team offers a range of activities that can be used to enhance or support your school curriculum. Alternatively the activities could be offered as part of an extension programme or included in end of term 'Activity' days.

Outlined below are the core activities that we offer and have proved to be most popular with the schools who visit. In addition we can also offer subject specific experiences in Mathematics, Science, Design Technology, Humanities and English.

If you do not see anything that quite meets your requirements, please do contact us on education@nvr.org.uk, to discuss a programme that would suit you.

Specific curriculum links have been identified for you in our *Cross Curriculum Links* document.

A price guide for the activities can be found at the end of the document

STATION TOUR

Probably our most popular education experience for all ages at NVR is the comprehensive, curriculum based STATION TOUR. After an initial meet and greet, your school group will be divided into smaller groups for the purpose of the tour. We try to have a maximum of 15 children per group but this cannot always be guaranteed.

An Education Team volunteer will accompany the group and lead the tour, answering any questions required and pointing out relevant trains and articles around the station. If you have any specific information that you would like shared with your students, please inform us via the booking form.

The key areas that we visit on the tour are: the signal box, the workshop, the static engines, the platform and footbridge.

LESSONS

The lessons/activities that we offer are delivered by an NVR Education Team volunteer. They can be booked in conjunction with the station tour OR as a stand-alone activity to be delivered prior to or after the train ride.

As previously notes, if you do not find anything below that specifically meets your requirements then please contact us on education@nvr.org.uk.



KEY STAGE ONE

THE LITTLE BLUE ENGINE

As everyone knows, NVR is home to a very famous Little Blue Engine.

This story explains where the little blue engine was made, where he worked and how he eventually became Thomas, the very famous tank engine.

The language used is age appropriate and visual aids are used to explain aspects of the lesson.

The children will sit on carpets/mats around the reader.

HOW A STEAM ENGINE WORKS

A fact based lesson explaining how a steam engine works using visual aids and/or powerpoint. It includes information about why coal is needed and how steam is made as well as introducing the children to the FIREBOX, CYLINDERS, BOILER, PISTONS AND WHEELS.

There is a large, scale drawing of the engine in the study centre that can be used as a visual aid.

The children will then be taken outside to look at the blue static engine more closely to identify/locate the components that have already been discussed.

Age appropriate language will be used.

IMPACT (of the railways)

Have you ever imagined what it was like living in England before there was any kind of mechanical transport? When you had to walk everywhere or if you were lucky, could use a horse?

Through a powerpoint presentation and question/answer sessions with the students, this lesson explores how important the discovery of steam power was and how it has led to the RAILWAY systems that we have today.

This lesson is intended to have pupil participation.



ON THE MOVE

This lesson looks at transport more broadly and includes the development of various types, not just trains.

Through a powerpoint presentation and question/answer sessions with the students, this lesson explores various types of transportation (bicycles, cars, trains, planes and rockets). We consider where it all began and where we are now, including the importance of the discovery of steam power and the railways.

This lesson is intended to have pupil participation.

A SPECIAL DELIVERY

Have you ever wondered how letters and parcels were delivered around the country before lorries drove along the motorways? Probably not, as they just seemed to arrive - like magic.

This 'Rail Mail' lesson will allow the children to follow the journey of a birthday card as it makes its way from the post box, onto the mail train and safely into the hands of birthday boy, James.

Starting with a short video (10 minutes), the children can then 'have a go' at being a postman and sorting the mail into pigeon holes.

NB: if you would like to develop this lesson further, please contact us to discuss whether a trip to Overton - to the travelling post office - is available. The Overton experience includes visiting the inside of the carriage and seeing the mail nets and hooks (where the sacks of letters were collected/distributed) activated. Price available on request.

PRICE GUIDE

Activity/Lessons	Cost
Train Ride	£4 per child/£8 per adult return**
Station Tour	£50 * up to 60 children
The Little Blue Train	£25
How a Steam Engine Works	£25
IMPACT (of the railway)	£25
On the Move	£25
A Special Delivery	£25

* there will be an additional charge for groups over 60.

** single tickets and platform tickets are also available.