



## HISTORY

### Second World War Evacuees

Key Stage 1 & 2. Workshop

**Outline:** Explore what it was like to be a child evacuated from home during the Second World War. Why were children evacuated to Keighley and where were they from? How did they get here? How would you feel if you had to live with strangers in a different part of the country? Take a look inside an evacuee's suitcase that has been left at the station. Can you work out who the suitcases belong to? What would you pack if you were going to be evacuated? Children will also learn about wartime rationing and its impact on everyday life and how the Government worked hard to confuse the enemy by finding creative ways to disguise important places and buildings.

### Railways & Transport through the Industrial Revolution

Key Stage 2. Workshop

**Outline:** This workshop is designed to be taught in two sections where the groups switch places after lunch. The class would be split into two groups with one learning about the industrial aspects of the railways and the other exploring the social and leisure aspects as well as key events such as war and the British Empire.

*Industrial Aspects:* Explore how and why the railways were created, the impact this had on the industrial and economic fabric of Britain and how this evolved. From the height of the railways and industrial revolution, through to their decline and current renaissance. You will explore how it affected the working lives of the population. This workshop aims to build understanding and appreciation of the history of the railways, the change in trends over time and their causes. Pupils will also explore elements of geography.

*Social and Leisure Aspects:* Discover the impact the railways have had on the history of Britain. Understand how leisure and commercial travel were affected by the railways and how they were instrumental in building the Empire. Explore how they played an important role during wartime, including the vital role women played. The workshop encourages an understanding of British history.

### Seaside Holidays

Key Stage 1. Workshop

**Outline:** The children will be able to explore the fascinating bygone era of the Victorians – what the children wore, ate, things they did on a visit to the seaside; and they will also look at how they got to their destination. They will examine the differences and similarities between Victorian holidaymakers and their own experiences at the seaside. The children will be encouraged to wear Victorian clothes for this enlightening session.

## LITERATURE

### The Railway Children

Key Stage 2. Workshop

(Inc Steam or Diesel Train Travel)

**Outline:** This session will take the children back in time to the world of The Railway Children where they can use their imagination whilst learning about the story. They will go on an exciting train ride to discover all about the book and film, and also be given the chance to explore and investigate some of the places and locations where the children lived and played in the film. Additionally, they will be given the opportunity to see one of the engines and carriages that featured in the film.

### Teddy Bears to the Rescue

Key Stage EYFS & 1. Workshop

(Inc Steam or Diesel Train Travel)

**Outline:** Join the Keighley & Worth Valley bears for a day of fun and adventure. In the morning step on board the train and have an adventure through the changing scenery and landscapes to Oxenhope Station and back. Hopefully you and your teddy will have managed to spot some of our animal friends along the line. When you arrive back at Ingrow West Station you will be able to enjoy your very own teddy bears' picnic on board one of our special carriages in the Carriage Works. After lunch in the Learning Coach, it is time for Story Corner and to hear a special story about a day of adventure for our bears – Grizzly, Bouncer, Honey and Boo – on the Keighley & Worth Valley Railway. Depending on time you will get to do one of the following craft activities: Make your own bear out of cardboard and origami paper; peg doll bear; teddy bear badge; pebble painting; name tag for teddy bear.

\*We encourage every child to bring their own teddy bear.

## EXPLORING & INVESTIGATING

### Murder on the Rails

Key Stage 2 & 3. Workshop

**Outline:** Be like Sherlock Holmes and use your investigative skills to solve a murder most horrid. A passenger has been murdered on one of the carriages, but the perpetrator is still in the building. It is up to you to act as detectives, searching for clues and evidence in the carriages and establish who the murderer is and the motives behind this dastardly act. This workshop provides a context specific setting and helps develop investigative skills and encourage critical thinking.



# Rail Story

## EDUCATION CENTRE

**R**ail Story Education Centre is the perfect place to bring so many subjects to life in a unique and historic setting. Located at Ingrow West station on the Keighley and Worth Valley Railway, Rail Story offers a varied and comprehensive educational package which complements classroom learning. With links to Science, Literature, Mathematics, Engineering and Technology, Art and Design, History and Geography, it is the perfect contextual and experiential addition to the learning provision for every child.

In association with  
The **RAILWAY**  
Magazine

Supported by  
**The National Lottery**  
through the Heritage Lottery Fund





# Workshops

## SCIENCE

### Friction

Key Stage 1 & 2. Workshop

**Outline:** Get involved with the force of friction and how it affects moving objects. Explore what forces interact and how different surface materials and lubricants affect the amount of friction generated. This experiment aims to consolidate understanding of what friction is and how it is created, with specific application to movement of trains. It inspires critical thinking skills through considering what variables increase or decrease this force.

### Changes of State

Key Stage 2. Workshop

**Outline:** Pupils will be challenged to explain why changes of state are needed to move a steam train. Investigate which fuel gives the most energy when burned. This activity aims to reinforce understanding of states of matter and how temperature dictates a chemical's state.

It encourages pupils to think about and consider the importance of variables in an investigation and how it is necessary to control these when carrying out a fair test.

### From Root to Tip

Key Stage 2. Workshop

**Outline:** Learn about and explore the life of a tree, using your observation skills to find the different types of inhabitants who live on, under and around the tree, and then record your findings. You will also learn about how these creatures co-exist and are part of a life cycle.

## ENGINEERING & TECHNOLOGY

### Building Bridges

Key Stage 2 & 3. Workshop

**Outline:** It's a race against the clock as students work in teams to budget for and build a railway bridge from various materials which will be strong enough to hold a wooden train track to get their engine from one side of the bridge to the other. Each team will be given a design brief to work from. Through this challenge students will understand that some shapes and materials are stronger than others, weak materials can be made stronger with good design techniques and that distribution of mass is an important consideration when building structures. They will also learn project management skills



## MATHS

### Don't Miss the Train!

Key Stage 1 & 2. Workshop

(Inc Steam or Diesel Train Travel)

**Outline:** Pupils will use a train timetable to plan a day on the Keighley & Worth Valley Railway. They will use their understanding of timetables to plan which stations they can visit in the time available. Information will be provided about the heritage and activities at each station, which will enable them to make an informed choice about how to plan their day out.

## ART & DESIGN

### Art, Nature & the Railway

Key Stage 1 & 2. Workshop

**Outline:** From trains to trees and stations to scenic views, this art-based workshop will take you on a journey along the railway where industry and nature meet. Allow your artistic flair to come alive on this creative walk amongst local heritage and the natural world. Choose your canvas: paper, a pebble, a leaf... experiment with texture, colour and pattern using a critical eye to create a masterpiece.

## FILM

### Lights, Camera, Action!

Key Stage 2 & 3. Workshop

**Outline:** Join us at the museum to create your own short film. We provide the setting and props; you provide the creativity and imagination. Be a film star, a reporter or a documentarian, the choice is yours. This creative workshop allows you to develop your filmmaking and collaborative skills whilst in a context based setting. It also encourages progress in speaking and listening, and writing composition, as well as narrative and nonfiction based literacy skills.



# Rail Story

## EDUCATION CENTRE

## COLLABORATION WORKS

Ingrow West Station and Yard have undergone a massive transformation in recent years to become Rail Story – a collaborative plan between the Keighley & Worth Valley Railway, the Vintage Carriages Trust and the Bahamas Locomotive Society to develop the site and give visitors greater opportunities to learn of and understand about the

preservation and conservation of Britain's railway heritage.

With the backing of the Heritage Lottery Fund the Learning Coach has been beautifully restored and is an essential and central part of the project.

It has gained plaudits from across the railways sector, and the backing of *The Railway Magazine*, Britain's largest railway publication.

## OUR WORKSHOPS

All workshops are based on a group consisting of up to 30 children and six adults.

Due to the space restrictions of our classroom in the Learning Coach, classes will be split into two

groups of 15 for the day. Most of our workshops follow the same itinerary.

For information on timetables, costs of workshops or even just a chat about the opportunities, call Debbie Cross on 07825 632123.

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