

Curriculum Links (Early Years)	Evolution of railways	From a railway carriage	How a steam engine works	On the Move	Pender	History of steam transport	Impact of Railways	Little Blue Engine/ Helga to the rescue	A Special Delivery (Mail Train)	Train ride	Station tour
Communication and Language											
Listening and attention: children listen attentively in a range of situations. They listen to stories, accurately anticipating key events and respond to what they hear with relevant comments, questions or actions					✓			✓	✓	✓	✓
Understanding: children follow instructions involving several ideas or actions. They answer 'how' and 'why' questions about their experiences and in response to stories or events.					✓			✓	✓	✓	✓
Speaking: children express themselves effectively, showing awareness of listeners' needs. They use past, present and future forms accurately when talking about events					✓			✓	✓	✓	✓
Physical Development											
Moving and handling: children show good control and co-ordination in large and small movements. They move confidently in a range of ways, safely negotiating space.					✓				✓	✓	✓
Self-confidence and self-awareness: children are confident to try new activities, and say why they like some activities more than others.					✓				✓	✓	✓
Mathematics											
Shape, space and measures: children use everyday language to talk about size, weight, capacity, position, distance, time and money to compare quantities and objects and to solve problems.								✓	✓	✓	✓

Curriculum Links (Key Stage 1/2)	Evolutionment of railways	From a railway carriage	How a steam engine works	On the Move	Pender	History of steam transport	Impact of Railways	Little Blue Engine/ Helga to the rescue	The Mail Train/A Special Delivery	Train ride	Station tour
English											
Spoken language - having opportunities to ask questions to develop language	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Reading comprehension - listening to, discussing and expressing views about stories/poems		✓			✓			✓	✓		
Reading comprehension - link stories to their own experiences								✓			
Reading comprehension - participating in discussions about books read to them/explain + discuss their understanding		✓							✓		
Reading comprehension - have opportunities to discuss word meanings		✓						✓			✓
Maths											
Measurement - opportunities to compare/describe lengths/heights/weight etc											✓
Measurement - opportunities to measure/record the lengths/heights of wheels etc.											✓
Measurement - opportunities to measure lengths/perimeters of 2D shapes, convert between different units											✓
Time - opportunities to sequence events into chronological order	✓		✓	✓		✓	✓	✓	✓		
Geometry - opportunities to identify 2D/3D shapes, position and direction											✓
Geometry - opportunities to observe/identify parallel lines, horizontal and vertical lines										✓	✓
Geometry - opportunities to identify angles, name parts of circle and recognise angles within it											✓
Science											
Plants - identify and name a variety of common wild and garden plants including trees										✓	
Plants - identify and describe functions of different parts of the plants and their requirements										✓	
Animals - identify and name a variety of common animals										✓	
Everyday materials - identify and name everyday materials									✓	✓	✓
Seasonal changes - discuss the four seasons, discuss weather associated with seasons										✓	
Light - opportunities to identify shadow formation, reflection of light										✓	✓
Light - understand why shadows have same shape as the object that casts them										✓	✓
Sound - associate sounds with vibrations including patterns between volume/vibrations										✓	✓
Sound - understand that sound gets fainter as the distance from the sound source increases											✓
Forces - Recognise that some mechanisms allow a smaller force to have a greater effect									✓		✓

Curriculum Links (Key Stage 1/2)	Evolution of railways	From a railway carriage	How a steam engine works	On the Move	Pender	History of steam transport	Impact of Railways	Little Blue Engine/ Helga to the rescue	The Mail Train/A Special Delivery	Train ride	Station tour
Art and Design											
Develop an understanding of great architects/designers in history	✓	✓	✓			✓	✓				✓
Design and Technology											
Technical knowledge - explore mechanisms and their products	✓		✓						✓		✓
Cooking/nutrition - understand where food comes from										✓	
Cooking/nutrition - understand seasonality and where/how ingredients are grown/reared										✓	
Geography											
Human and physical - identify seasonal and daily weather patterns in UK		✓								✓	
Human and physical - use geography vocabulary to refer to key physical features		✓								✓	
Fieldwork - use simple compass directions and locational/directional language and describe the location of features/routes on a map		✓							✓	✓	
History											
Learn about changes within living memory	✓	✓	✓			✓	✓		✓		✓
Learn about events beyond living memory that are significant nationally and globally	✓		✓			✓	✓		✓		✓
Learn about the lives of significant individuals who have contributed to national/international achievements	✓		✓			✓	✓				✓
Learn about significant historical events, people and places in their own locality	✓		✓			✓	✓	✓	✓		✓

Curriculum Links (Key Stage 3/4)	Evolution of Railways	From a Railway Carriage	How a steam engine works	On the Move	Pender	History of steam transport	Impact of Railways	Little Blue Engine/ Helga to the rescue	The Mail Train Experience	Train ride	Station tour
English											
Poetry, language development		✓							✓	✓	✓
Maths											
Geometry											✓
Measurements											✓
Probability											✓
Physics											
Energy			✓						✓	✓	
Motion and Forces			✓						✓	✓	
Sound waves										✓	
Geography											
Human Geography - population and urbanisation							✓		✓		
Human Geography - how human/physical processes interact to influence and change landscapes/ environment/climate							✓		✓	✓	
History											
Ideas, political power, industry and empire: Britain 1745-1901							✓		✓		