



Geography Skills

- Draw a variety of thematic maps based on their own data.
- Use atlas symbols.
- Confidently identify significant places and environments

History Skills

- Know and sequence key events of the period studied.
- Use relevant terms and labels.
- Make comparisons between different times in the past.
- Examine causes and results of great events and the impact on people.
- Begin to identify primary and secondary sources.
- Use evidence to build up a picture of a past event.
- Be aware that different evidence will lead to different conclusions.
- Select and organise information to produce structured work, making appropriate use of dates and terms.

Computing Skills



The Railways



Science Skills

D&T

- Develop a design specification.
- Plan the order of work, choosing appropriate materials, tools and techniques.
- Use tools safely and accurately.
- Evaluate products, identifying strengths and areas for development.


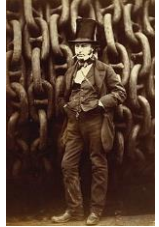



Music Skills

RE Skills

Key Vocabulary

steam, diesel, electric, locomotive, George Stephenson, route, privatisation, nationalisation, Mallard, Flying Scotsman, engine

Key People

George Stephenson		Pioneer of rail transport. Built <i>Locomotion No. 1</i> which was the first locomotive to carry passengers on a railway line.
Isambard Kingdom Brunel		British civil engineer who was one of the greatest figures of the Industrial Revolution. Built the Great Western Railway
James Watt		Scottish inventor who created the 'Watt Steam Engine' which was fundamental to in the industrial revolution.
Thomas Savery		Inventor and engineer who created the first commercially used steam powered device.
Dr Richard Beeching		Famous for his report ' <i>The Reshaping of British Railways</i> ' which resulted in the closure of 4000 miles of track.

Key Vocabulary

Steam Locomotive	A type of locomotive which produces power using steam. They are used by burning a material such as coal, wood or oil to produce steam in a boiler.
Diesel Locomotive	A type of locomotive which is powered by a diesel engine.
Electric Locomotive	A type of locomotive which is powered by an electric motor. Electricity is collected through a 3 rd rail or by overhead lines.
Route	A way or course taken to get from a starting point to a destination.
Privitisation	The transfer of ownership from public to private ownership.
Nationalisation	The transfer of ownership from private to public.




Flying Scotsman – A3 Class locomotive famous for pulling London to Scotland services.

Mallard – A4 class locomotive famous for being the world record holder for the fastest steam locomotive.



Railways in Our Area

	The Kent and East Sussex Railway is a heritage railway which runs from Tenterden to Bodiam. It was originally opened in 1900; closed in 1954 and was reopened in 1961.
	The Romney, Hythe and Dymchurch Railway is a miniature railway which runs from Hythe to Dungeness. It is known as 'The Mainline in Miniature' and first opened in 1927.
	The Ashford to London Line is a standard railway service which runs on track which is powered by an electric 3 rd rail. Our nearest station is Headcorn.
	High Speed One runs between Ashford and London St Pancras station. It was first opened in 2007 and runs using electric power from overhead lines.
	The Marshlink Line runs between Ashford and Hastings. It is operated using diesel trains and only has one track for most of its length

The Railways



