



# History Flight Path - Year 1 - Isambard Kingdom Brunel



Subject: History	Unit: Isambard Kingdom Brunel	Year: 1	Term: 6	Key Vocabulary (max. 10) <i>*indicates etymological link</i>
Big Question: How did Isambard Kingdom Brunel change the way people travel?				<b>Engineer</b> - a person who designs and builds things.  <b>Museum</b> - a building that holds a collection of objects.  <b>Artefact</b> - an object from the past.  <b>Travel</b> - go from place to place.  <b>*Railway</b> - a track that trains travel on (Compound word to be discussed - the way that the rail goes).  <b>Tunnel</b> - a passage that runs underground or through something.  <b>Bridge</b> - a structure to travel over an open space.
National Curriculum objectives covered:  Significant historical events, people and places in their own locality.				
<b>Key knowledge:</b> <ul style="list-style-type: none"><li>- Isambard Kingdom Brunel was an engineer.</li><li>- He designed railways, bridges, tunnels and ships.</li><li>- He changed the way people travelled.</li><li>- He designed the Great Western Railway from Bristol to London.</li><li>- It was the first railway designed to transport people not goods.</li><li>- The Great Western Railway passes through Swindon.</li></ul>				<b>Concepts:</b>  Legacy Settlements
<b>Key dates / chronological knowledge</b> <ul style="list-style-type: none"><li>- Isambard Kingdom Brunel lived 1806-1859 (before motor cars and mobile phones)</li><li>- 1841 - Great Western Railway opened</li></ul>				



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Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5	Lesson 6
LQ: Who was Isambard Kingdom Brunel?	LQ: What can I learn from a museum?	LQ : What problems did Isambard Kingdom Brunel need to solve when designing the Great Western Railway?	LQ: What else did Isambard Kingdom Brunel design? (Bridges)	LQ What else did Isambard Kingdom Brunel design? (Ships)	LQ: How did Isambard Kingdom Brunel change the way people travel?
I know that:					
<p>He was an engineer. Cars did not exist when he was alive. People travelled by horse and cart.</p> <p>He wanted to find a faster way to travel between Bristol and London (capital cities Y1/T3, Great Fire Y1/ T4).</p> <p>He designed the Great Western Railway.</p>	<p>Museums teach us about the past. Trip to STEAM</p>	<p>The GWR runs from Bristol to London. It passes through Swindon (close to RWB) It is over 100 miles long.</p> <p>It made travelling to and from Bristol to London much faster.</p> <p>He had to overcome problems such as valleys, hills and people being scared of trains.</p>	<p>He designed bridges. He designed the Clifton Suspension Bridge in Bristol.</p> <p>It was designed for horses and carts to cross the River Avon. It is now used by motor vehicles.</p> <p>It was completed 5 years after Brunel died.</p> <p>I can: Design and build a bridge in the style of Brunel.</p>	<p>He designed ships.</p> <p>He designed The Great Western which was the first steamship to travel from UK to USA.</p> <p>He designed The Great Eastern which at the time was the largest ship ever built.</p> <p>He designed the SS Great Britain.</p> <p>The SS Great Britain can be visited at Bristol Docks.</p>	<p>Isambard Kingdom Brunel was an engineer. He designed railways, bridges, tunnels and ships.</p> <p>He changed the way people travelled. He designed the Great Western Railway from Bristol to London.</p> <p>It was the first railway designed to transport people not goods.</p> <p>The Great Western Railway passes through Swindon.</p>



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I Can:					
Draw Brunel and label with occupation and DOB and death.	Talk about my visit to the museum. Add further information to my Brunel drawing.	Explain that Brunel designed Box Tunnel because he wanted the railway to be straight. Trains can travel faster on a straight railway. (Through hill rather than round.  (Teams to travel in a straight line versus wiggly lines/obstacles).	Design and build a bridge in the style of Brunel.	Compare ships over time talking about similarities and differences.	Write a fact file about Isambard Kingdom Brunel.

