



Learning Objectives – Tours

Tour	Lesson Objectives	Lesson Outline	Key Questions	Assessment: Identifying achievement
150 Years of the Clifton Suspension Bridge <i>KS1, KS2, KS3, KS4, KS5</i>	<p>To understand how and why the Clifton Suspension Bridge was built.</p> <p>Know the engineers responsible for building the bridge.</p> <p>Explain why the Clifton Suspension Bridge is still important today.</p> <p>Explain how a suspension bridge works and how the bridge is maintained.</p> <p>To understand social histories of the bridge.</p>	<p>Pupils will undertake a guided walking tour of the Clifton Suspension Bridge, designed to engage pupils in learning about the fascinating story behind this iconic landmark.</p>	<p>How does a suspension bridge work?</p> <p>Why was the bridge built in Clifton?</p> <p>Who designed the bridge, and when was it completed?</p> <p>How is the Clifton Suspension Bridge maintained today?</p>	<p>Pupils can explain how a suspension bridge works.</p> <p>Pupils can explain the significance of Isambard Kingdom Brunel.</p>
Giants and Geology <i>KS1, KS2</i>	<p>Understand the mythical story of the two giants who formed the gorge, and why.</p>	<p>Pupils will participate in a guided walking tour of the Clifton Suspension Bridge, hearing the two</p>	<p>Who were Goram, Ghyston and Avona?</p>	<p>Pupils can make a judgement on which story they find the most believable – the tale of two</p>

	<p>Explain the scientific story of how the gorge was formed.</p> <p>Explain what makes the gorge a special place (Site of Special Scientific Interest)</p> <p>Explain what unusual animals and plants live in the Avon Gorge.</p>	<p>stories about its creation.</p> <p>They'll examine the story of Gorum, Ghyston and Avona, followed by the scientific story at the bottom of a prehistoric sea.</p>	<p>How did the Ice Age cause the Avon Gorge to form?</p> <p>Why is the Avon Gorge a Site of Special Scientific Interest?</p> <p>What kinds of unusual animals and plants live in the Avon Gorge?</p>	<p>giants, or the prehistoric sea.</p> <p>Pupils can explain the reasoning behind their belief.</p>
<p>Life and Work of Brunel KS1, KS2</p>	<p>Explain Isambard Kingdom Brunel's family and the influence of engineering.</p> <p>Examine Brunel's other projects, including Thames Tunnel, Clifton Suspension Bridge, the Great Western Railway, the Great Western, the SS Great Britain and the Great Eastern.</p> <p>Understand the impact and legacy of Brunel's projects and engineering</p>	<p>Pupils will undertake a guided walking tour of the Clifton Suspension Bridge, examining the role of Isambard Kingdom Brunel with his first solo project.</p> <p>Pupils will examine how Brunel's role as an engineer developed over time, and the impact that he's had on engineering.</p>	<p>Who was Isambard Kingdom Brunel?</p> <p>What kind of upbringing did he have?</p> <p>How did his family impact his love for engineering?</p> <p>What were key projects that Isambard Kingdom Brunel completed in his lifetime?</p> <p>Why is Brunel still seen as being a significant</p>	<p>Pupils can explain who Isambard Kingdom Brunel was and what his key achievements were.</p> <p>Pupils can explain why Brunel is still significant today and his impact on engineering.</p>

	<p>concepts have to this day.</p> <p>Examine Brunel's accidents and near-misses.</p>		<p>figure in engineering today?</p>	
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