

	Oceans - Home Learning Challenges Summer 2026	ocean@stfrideswides.co.uk
<p>Be a Designer Design your own River Thames–inspired structure or feature. Design one of the following:</p> <ul style="list-style-type: none"> • A new bridge over the River Thames • A riverside park for people to enjoy • A flood defence barrier to protect homes • A boat or river transport system 	<p>Be a Scientist Investigate how rivers are formed.</p> <ul style="list-style-type: none"> • What is erosion, transportation, and deposition? • Can you demonstrate this using sand and water at home? 	<p>Be a Performer Create a short performance or role play about:</p> <p>The journey of a river Or people who depend on rivers for their lives</p>
<p>Be a Mathematician</p> <p>Measure and compare river data.</p> <ul style="list-style-type: none"> • Find out the length of the River Thames. • Compare it to other UK rivers. • Create a bar chart or graph. 	<p>Be a Geographer</p> <p>Research the River Thames.</p> <ul style="list-style-type: none"> • Where does it start and end? • Which cities does it pass through? • Can you draw and label a map of its journey? 	<p>Be a Builder</p> <p>Design and make a 3D model of a river.</p> <ul style="list-style-type: none"> • Include features like source, mouth, meanders, and bridges. • What materials will you use (cardboard, clay, Lego)?
<p>Be a Historian</p> <p>Explore how the River Thames has been important in history.</p> <ul style="list-style-type: none"> • How did people use it in the past? • Why was it important for trade and transport? 	<p>Be an Environmentalist</p> <p>Investigate how humans affect rivers.</p> <ul style="list-style-type: none"> • What causes pollution in rivers? <p>How can we protect the River Thames</p>	<p>Be an Artist</p> <p>Create a piece of artwork inspired by the River Thames.</p> <ul style="list-style-type: none"> • You could paint a sunset over the river or sketch a famous bridge. • What colours and textures will you use?
<p>Be a Climatologist</p> <p>Research how climate affects rivers.</p> <ul style="list-style-type: none"> • What happens during heavy rain? • What is flooding and why does it occur? 	<p>Be an explorer</p> <p>Visit a local river, stream, or water source.</p> <ul style="list-style-type: none"> • Observe what you see. • Is it clean? Fast or slow? Wide or narrow? 	<p>Be a Mathematician</p> <p>Measure and compare river data.</p> <ul style="list-style-type: none"> • Find out the length of the River Thames. • Compare it to other UK rivers. • Create a bar chart or graph.