

**Theme: Wild Water!**

**Year: 5**

**Total Hours: approx. 35**

LAUNCH	EXPLORE	ENERGISE	CELEBRATE
<p><b>Secret River Scavengers: Team challenges</b> Mapping and orienteering skills in school environment</p> <p>In teams, explore a secret UK river to develop 10 top clues as to what the Secret River might be.</p>	<p><b>Journalism Day: Flood!</b> Explore nature of flooding and its impact on communities through green screening news teams as part of a Journalism Day. Teams explore and report upon the nature of the disasters and the effect on the environment and the local community.</p>	<p><b>River Challenge Day</b> Challenge-based scenarios set in context by resident river expert Dr R. Nile</p> <p>Build a river Water purification Team building challenges</p>	<p><b>Come and Share event</b> Children reflect upon own learning in the theme to plan and hold an event to celebrate and share with parents and families.</p> <p>Team based activities where groups of children collaborate together to independently plan, resource and host the event.</p>
<p>Maths/Geog/ICT</p>	<p>PSHE/ICT/English</p>	<p>English, Science, Geography</p>	<p>PSHE/ Citizenship</p>
<p><b>POWer Projects</b></p>			
<p>Home learning projects to develop children's independence, organisational skills, and explore with their families the types of learning which challenge, motivate and enthuse.</p> <p><u>Activities will entail opportunities to:</u></p> <ul style="list-style-type: none"> <li>• Develop creativity</li> <li>• Explore mathematical skills</li> <li>• Extend research skills</li> <li>• Explore the locality</li> </ul>			
<p><b>POWer Project 1</b></p>		<p><b>POWer Project 2</b></p>	
<p>'Water all around us'</p>		<p>'Watercolours'</p>	

1. What do I already know about rivers?	2. What is the Water Cycle?	3. What is a river? How is a river created?	4. What are the features of a river?
Knowledge Harvest	<p>Children to investigate the water cycle. Create diagrams demonstrating understanding of the water cycle</p> <p>Role-play/drama activity – acting out the different stages of a river.</p>	<p>From Source to Mouth - Mapping the journey of a river from source to mouth.</p> <p>Use Wordle/ Tagxedo as a means to present key facts and terms</p>	<p>Children identify and label the features of a river – meanders, waterfalls, ox-bow lakes etc.</p> <p>Use Spicy Nodes APP to explain the features learnt.</p>
2 Hours	2 Hours	2 Hours	2 Hours
Geography	Science/Geography	Geography/ICT	Geography/ ICT

5. What are the processes of a river?	6. What are rivers like in our locality?	7. What are the major rivers of the world?	8. Can I research rivers in the world?
Looking at and labelling the cross section of a river. Identify processes such as erosion	<p>Explore a local river. What features can the children identify?</p> <ul style="list-style-type: none"> <li>- Measure the speed of the river <ul style="list-style-type: none"> <li>- The depth of the river</li> </ul> </li> <li>- The width of the river at different points. <ul style="list-style-type: none"> <li>-wildlife</li> </ul> </li> </ul>	<p>Using maps and atlases to identify label and fact find about the major rivers of the world.</p> <p>Children to label countries, continents and majors cities as well as seas / oceans and rivers.</p>	<p>Children spilt into groups. Each group given a river of the world to research. Find out about the source, the mouth and key facts.</p> <p>Create multi-model presentation.</p>
2 Hours	½ day	2 hours	2 hours
Geography	Maths/Geography	Geography/ ICT	Geography/ ICT

<b>9. Can I compare and contrast rivers in the world?</b>	<b>10. Why do people settle near rivers?</b>	<b>11. Can we design and make our own bridge?</b>	<b>12. Enterprise: The Great Bridge Challenge!</b>
Compare data from different rivers. Order rivers and generate statements based on mathematical criteria. (3 sessions)  9a, 9b, 9c	Research the history of major capital cities of the world. Why are the majority built on the path of a river? How do rivers benefit communities? Why were rivers important historically?	DT – Design and make own bridge – join materials and change their shape to make them stronger	Buy materials to design and build the longest, strongest and cheapest bridge
3 hours	2 hours	2 hours	2 hours
Maths/ Geography/ ICT	History/ Geography	DT	DT/ Enterprise/Maths

<b>13. Can we compose a soundscape of a river from the source to the mouth?</b>	<b>14. Can I create observational drawings of a river?</b>	<b>15. Take One Picture</b>	<b>16. What is the environmental impact of settlements on rivers?</b>
Exploring texture to create a soundscape of the journey of the river. Vary pitch, speed, volume etc. depending on the stage of the river (2 sessions)  13a, 13b	Using photographs taken on river field trip, children use pencils, inks and watercolours to create observational drawings.	Artist study: Claude Monet and Impressionism  Waterlilies by Claude Monet: Using chalk and pastels	Discuss different types of pollution and also issues of pollution, loss of greenbelt etc.
2 hours	2 hours	2 hours	2 hours
Music	Art	Art	Geography/Environment