

Title Wild Water!	Project overview	Hook	Text(s)	Maths overview
Year group 4	The aim of this project is for children to develop an understanding of the water cycle, the formation of rivers, and the impact and effects of flooding.	Trip to River Thames in Oxford or Abingdon.	<p>Guided reading text: How to train your dragon</p> <p>Fiction: Creation story - Children of the Water God.</p> <p>Non - fiction: Explanation text showing the journey of a river.</p>	<p>Multiplication</p> <p>Division</p> <p>Times Tables</p>
Driving question Is flooding always bad?	Key Vocabulary Evaporation, condensation The water cycle, convection temperature, degrees, Celsius erosion/transportation river/river bed/load/ deposition, source, spring, meandering, delta, estuary, mouth, upper course, middle course, lower course, equator, northern hemisphere, southern hemisphere, continent.	Intended outcome The intended outcome of this project is to understand how humans have adapted to flooding and the devices we use to cross water. We will design and construct bridges in DT and these will be shown during our outcome. We will also perform 'A river tale' song.	Atlases	
			Resources Ballons, paper plates, food colouring, cotton wool, washing up liquid, water colour paints, atlases.	Areas of learning (<i>subjects</i>) Science Geography Art Music DT
How does learning build on prior understanding? Other year groups and other learning?	Content What will we learn?	Creativity How will we show our learning in different ways?	Ethos How does the project embed our values?	How will this project prepare for future learning?

<p>Links to Year 1 -Knowing and locating the four countries in the UK. -Map work. - Identify and name everyday materials.</p> <p>Links from Y2 - Building on their knowledge of under the sea animals in water. -Under the sea topic of materials of boats and how they move on water. - Building on the designing, making and evaluating of a cart in the marvelous mechanics and machines topic</p> <p>Links from Year 3 - Map skills to understand the world. - Knowing the names of counties in the UK.</p> <p>Links to Year 4 - Building on their knowledge of the water cycle and evaporation and condensation of water which was covered in our potions unit.</p>	<p>Science: Identify the part played by evaporation and condensation in the water cycle.</p> <p>Geography: We will identify different parts of rivers, locate rivers worldwide using atlases (map skills), and explore the effect water has on our coastlines (erosion) linked to Durdle Door.</p> <p>We will also look at flooding in different parts of the world with a link to Oxford as it is between two rivers! We will explore the effects of flooding, both positive and negative, and explore how humans have adapted to flooding.</p> <p>ICT: We will complete the Gooseberry Planet workbooks regarding internet safety</p> <p>Art: We will be learning about artist Claude Monet. We will find out interesting facts about him and we will explore his detailed pictures of river and water lilies, creating our own using his techniques.</p>	<p>Internet research regarding rivers</p> <p>ICT - We will create a PowerPoint presentation to express our learning over the term of flooding and how humans have adapted. We will be learning how to present information using google slides.</p> <p>DT - We will design and construct our own impressive bridges using different materials.</p> <p>Art - We will be drawing detailed pictures inspired by Monet and we will be comparing these with other amazing artists, whilst creating our own interpretations of water, focusing on colour.</p> <p>Music - We will be representing music through fantastic notation.</p>	<p>Resourcefulness Using different materials in our DT project to create and construct bridges.</p> <p>Resilience Working in teams in PE to create a dance routine. Working through challenges if things do not work straight away during our art impressions and bridges.</p> <p>Respect We will ensure that we respect the school equipment and the different materials we are using. We will also respect each other when we work in teams to create our bridges and when creating our dance routines in PE.</p>	<p>Links to Year 5 -Poisonous plastics - climate change and the effect it has on the environment. - Is there a planet B topc. Exploring why we need all 3 forms of water which is why we have life here. - Designing and constructing fair ground rides to enhance DT skills.</p> <p>Links to Year 6: -To use maps, atlases, globes or digital/computer mapping to locate some of the world's countries in the nations topic - Look at how river Thames changed its path during the last Ice age in the Stonehenge topic</p>
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	<p>We will also look at other artists who have shown water in their artwork differently. We will make comparisons and contrasts between their work.</p> <p>Music: We will be listening to the notation of music and explore how we can represent different types of water (running water, waterfalls, storms, rain) with different instruments.</p> <p>We will also be learning the song 'A River's Tale' by Suzy Davis, exploring</p> <p>PE: Dance We will be completing a river dance by imagining we are a water droplet moving down a mountain in a river. We will create own own dances linked to our guided reading book How to train your dragon and water.</p>			
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