

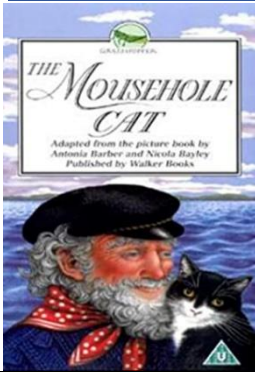
	<b>Year group</b>	4	<b>Academic year</b>	2021-2022	<b>Term</b>	Summer 2	<b>Duration</b>		
	<b>Half-term topic knowledge Organiser</b>								
	<b>Topic Title</b>	<b>Wonderful Water!</b>							

Topic Overview

	<u>Key Questions</u>	<u>Key events</u>	<u>PSHE, SMSC and British Values</u>	<u>Opportunities for 6 Rs</u>	
	What is the difference between a solid, liquid and a gas? What is the water cycle? Why does Earth have the water cycle? Why are lighthouses important?	<b>Parent event-21<sup>st</sup> July</b> <b>Multiplication checks-15<sup>th</sup> June &amp; 22<sup>nd</sup> June</b>	<b>PSHE</b> -Changing me <b>SMSC</b> -Children will understand the value of water and not to waste it. <b>British values</b> - Democracy to make decision together. Mutual respect of others ideas and opinions.	<b>Ready</b> - Children have correct equipment for experiments. <b>Responsible</b> -Staying safe during science investigations. <b>Resilient</b> - understanding difficult key words and concepts. <b>Respectful</b> – listening to ideas and respecting water. <b>Resourceful</b> - creating predictions and other equipment to understand the water cycle. <b>Reflective</b> - reflecting on what humans' impact on water usage.	
<u>Summary</u>	<u>Vocabulary (tier 3)</u>	<u>Key dates</u>	<u>Prep/ homework task</u>		
Our “Wonderful water topic explores what water is and how it changes throughout the water cycle. Children will carry out experiments and observations to understand the scientific processes and why this is important for our life on Earth. Our DT topic will consider the power of water and how lighthouses can help those out at sea.	Condensation, evaporation, precipitation, observation, enquiry, solids, liquids, gases, temperature water cycle, changing states, heating and cooling, states of matter, particles, constructions, evaluation	Parent event – 21 <sup>st</sup> July Multiplication checks – 15 <sup>th</sup> and 22 <sup>nd</sup> June Inset day – 24 <sup>th</sup> June Transition days – 4 <sup>th</sup> and 5 <sup>th</sup> July	Homework will be set weekly to consolidate new learning during the week.		
<u>Key English stimulus</u>	<u>Computing</u>	<u>Music</u>	<u>Spanish</u>	<u>RE</u>	<u>Maths</u>
<b>Mousehole cat</b> 	Children will continue using the programme Scratch to code and introduce learning diaries!		Children will communicate their favourite hobbies and sports through using the correct verbs. Children will also practice speaking and writing about having a healthy lifestyle.	Making decisions	<ul style="list-style-type: none"> <li>Decimals</li> <li>Money</li> <li>Position and direction</li> <li>Properties of shape</li> </ul>