

Spring B		Water, Water, Everywhere		Neptune Class		
Big Ideas	<p><b>As readers</b> we will be studying Holes by Louis Sachar, set in the Texas desert. We will be studying the characters in the novel and considering the impact of destiny / ancestry in the story. We will be studying non-fiction texts about the Chihuahuan desert. After half-term, we will focus on poetry and drama, including work on Romeo and Juliet as part of our work with the Royal Shakespeare Company.</p> <p><b>As writers</b> we will be creating our own characters, writing diary entries and letters, writing a newspaper report and a non-chronological report and penning our own story based around a flashback to a previous generation. We will continue to learn advanced grammar skills to support our writing.</p> <p><b>As scientists</b> we will be investigating the different properties of materials, including solubility, conductivity, hardness, magnetism and transparency. We will consider the practical applications for various materials. Focus will be on working scientifically by answering scientific questions, observing changes – including changes over time – creating fair tests and recording results, predictions and outcomes.</p>		<p><b>As geographers</b> we will compare the use of different rivers, their environmental impact, industry and leisure uses. We will explore geographical features of rivers.</p> <p><b>As historians</b> we will be using primary and secondary sources to explore social, profit, change and industrial implication of rivers.</p> <p><b>As computer experts</b> we will be using technology to help us with our everyday tasks and thinking about how it can enhance our learning.</p> <p><b>As design technologists</b> we will be developing our design and engineering skills through a Design Process Box on loan from the James Dyson Foundation. We will be using the designs of a Dyson Air Multiplier to develop our problem solving skills.</p> <p><b>As cooks</b> we will be cooking with freshwater fish, making trout fishcakes.</p> <p><b>As artists</b> we will be learning about Monet and the impressionist movement. We will be studying primary and secondary colours and mixing to create different tones, using our knowledge to create waterscapes. We will also be working on fine drawing, inspired by the lily pads in Monet's artworks.</p>			
	Further Opportunities	Enrichment		We will investigate the uses of water on an environmental visit.		
		Readers		Our guided reading books will be Stig of the Dump, Butterfly Lion and Great Fire.		
		Writers		Writing in many different genres, we will be focusing on formal and informal styles and being able to consciously manipulate our choices of vocabulary and grammar to achieve this. We will be developing our editing skills.		
		Communication		Large focus on developing deep and thought-provoking discussions and debates. The role of discussion and democratic resolution.		
Mathematics		We will be focusing on problem solving and applying our knowledge to solving multi-step operations.				
RE	Looking at how water is used in faith, focusing on Hinduism and Christianity.					
CW Value	Trust in our relationships and those in society whom we trust.					
PSHE	We will be discussing and reflecting staying safe before moving on to consider healthy relationships.					
SMSC Opportunities	Social		Moral		Spiritual	Cultural
	The importance of understanding the different social groups within modern Britain to enable us to work together.		We will reflect on our personal responses to moral questions surrounding how the UK is run as a democracy.		To reflect on the influence of religion as a guide for living. To experience wellbeing through Tai Chi.	The impact of the British Empire on modern multiculturalism and diversity in society.
Fundamental British Values	Democracy		Rule of Law		Individual Liberty	Mutual Respect
	We will reflect on our personal responses on the importance of democracy and individual freedoms and how laws are made. Our council elections: we will hold our democratic council elections.		Looking at how the rule of law has changed over time and how this affects the lives of people across the UK, especially shaping environmental law and conservation.		Discussing the importance of individual liberty and how this is encouraged throughout the UK as well as the UN Charter and the importance of basic needs being met.	The importance of respecting others beliefs and backgrounds within a multicultural society, review of school anti-bullying and behaviour policies. Landscape environments and biodiversity of water.