



Learning in Year 6 ~ Spring Term One 2018

English: Spoken, Reading, Writing, Spelling, Punctuation and Grammar (SPAG)		Mathematics	
<p>This half term, we will be using Marcus Sedgewick's novel 'Floodland' as our core text for English. As part of reading as a reader, we will develop our ability to make precise inferences about character's actions and emotions and explain our opinions of characters and themes. When writing, we will focus intently on how writers build atmosphere and use characters' reactions to advance the story. As part of this we will focus on using punctuation for effect and varying our sentence structure for impact.</p> <p>Spelling: Our spelling learning this half term will include the following objectives:</p> <ul style="list-style-type: none"> investigating the rules for adding the 'cious' and 'tious' suffixes to form adjectives. investigating the rules for adding the 'cial' and 'tial' suffixes to form adjectives. spelling nouns with the suffix 'ation'. knowing when to use the suffixes 'able' and 'ible' to spell adjectives. <p>In support of this, we encourage the children to think about using three spelling strategies to help them decide on the right spelling: identify the root word; make links to other words you know; use syllables.</p>		<p>We will learn to:</p> <ul style="list-style-type: none"> Consolidate our ability to use the long and short division methods accurately. Understand and use the rules of BODMAS when calculating with mixed operations. Identify co-ordinates in four quadrants. Calculate equivalent fractions. Use our understanding of equivalent fractions to compare and order fractions on number lines. Add and subtract fractions and mixed numbers with different denominators. Calculate missing angles in triangles and quadrilaterals. Consolidate our understanding and use of mental and written methods for all four operations: addition, subtraction, multiplication and division. Apply all of the above skills to reasoning for answers, proving or disproving statements, and problem solving. 	
Science		THEME	
Light		What on Earth? <i>What does it mean to be different?</i>	
<ul style="list-style-type: none"> We will learn to understand how light travels and how this enables us to see. We will then apply this understanding to explain the shape of shadows and investigate how we can alter shadows. We will also compare and contrast the processes of reflection and refraction. We will also take measurements with increasing accuracy and use our results to set up further comparative or fair tests. 		<p>SPECIAL EVENTS: <i>Parents evening</i> <i>Warning Zone</i> <i>Steve Skidmore Patron of Reading Visit</i></p> <p>Class text: <i>The Eye of the North</i> <i>(Sinead O' Hart)</i></p>	
		Art & Design	
		<ul style="list-style-type: none"> We will explore how artists are raising awareness of the issues involved with climate change and evaluate how they portray themes through their use of colour and line. We will then use this research to create our own piece of artwork which highlights the devastating impact climate change is having on our world, using different mediums. 	

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Geography		PSHE
<ul style="list-style-type: none"> We will learn about climates zones around the world. We will investigate what global warming and climate change is, exploring how they are linked. As part of this we will interpret data from different sources. We will also consider the trading of food linked to its seasonality and examine how this impacts on carbon emissions. 	<p style="text-align: center;">Our Key Topic Questions</p> <p style="text-align: center;"><i>What does it mean to be responsible citizens of our planet?</i></p> <p style="text-align: center;"><i>How can we support the sustainability of our planet?</i></p> <p style="text-align: center;"><i>How can we influence others to think differently about global issues?</i></p>	<ul style="list-style-type: none"> We will learn about our economic wellbeing and explore living in the wider world through being a responsible citizen. Our investigations will lead us to reflect on our responsibilities and duties in the community and towards the environment. We will consider the rights of every child in our discussions of responsibility for conserving the future of our planet.
PE	Music	Computing
<p style="text-align: center;">Rugby</p> <ul style="list-style-type: none"> We will learn to develop our skills in invasion games, particularly applying skills with carrying the ball in Rugby. We will also focus on developing accuracy with passing and receiving the ball at speed, as well as applying principles of attack and defense to a game. <p>Outdoor PE requires PE shoes which are supportive of children's feet, such as trainers and <u>NOT</u> regular outdoor shoes.</p> <p>Earrings must be removed or taped for <u>all</u> PE lessons.</p>	<ul style="list-style-type: none"> We will learn to compose music for a purpose, applying musical notation. 	<ul style="list-style-type: none"> We will develop our understanding of using technology safely and responsibly, recognising acceptable and unacceptable behaviour.

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