

January 2020: Spring Term
Curriculum Newsletter for Parents

Year 4 Class teachers – Mrs Odigie, Mrs Semn, Miss Hume

Dear Parent,

Your child will be working on the following curriculum during this term.

<p style="text-align: center;">Mathematics</p> <p>In maths this term the children will be revising mental and written strategies to solve problems involving the four operations.</p> <ul style="list-style-type: none">• Partitioning• Exchanging• Column method• Part-whole method• Expanded long – multiplication• Short division• Using number facts• Timestable practise	<p style="text-align: center;">English</p> <p style="text-align: center;">Mama Miti. Wangari Maathai and the Trees of Kenya Donna Jo Napoli Illustrated by Kadir Nelson</p> <p>Through Donna Jo Napoli’s lyrical prose and Kadir Nelson’s strikingly beautiful illustrations, the true story of Wangari Muta Maathai, known as “Mama Miti,” is told. In 1977 Mama Miti founded the Green Belt Movement, an African grassroots organisation that has empowered many people to mobilise and combat deforestation, soil erosion and environmental degradation. Today more than 30 million trees have been planted throughout Mama Miti’s native Kenya, and in 2004 she became the first African woman to win the Nobel Peace Prize. Wangari Muta Maathai has changed Kenya tree by tree—and with each page turned, children are invited to realise their own ability to positively contribute to society and impact the future.</p> <p>Reading and writing skills:</p> <ul style="list-style-type: none">• Structural headings,• Use of language• Information leaflets and posters• Persuasive language• Negatives• Capital Letters and Full Stops• Question Marks• Exclamation Marks• Commas <p>Writing outcomes: Genre: Biography</p> <ul style="list-style-type: none">• Advertisements• Speeches• Biographies• Persuasive letters
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<p style="text-align: center;">Computing</p> <p>During the first half term, we will be exploring the purpose of Spreadhseet Children will learn to:</p> <ul style="list-style-type: none"> ● Use the number formatting tools within 2Calculate to appropriately format numbers. ● Add a formula to a cell to automatically. ● Use the timer, random number and spin button tools. ● Combine tools to make fun ways to explore number. ● Use a series of data in a spreadsheet to create a line graph. ● User aline graph to find out when the temperature in the playground will reach 20°C. ● Use spreadsheet for budgeting. ● Nake practical use of a spreadsheet to help them plan actions. ● Use the currency formatting in 2Calculate. ● 5 ● Explore Place Value with a spreadsheet ● Allocate values to images and use these to explore place value. ● Use a spreadsheet made in 2Calculate to check their understanding of a mathematical concept. 	<p style="text-align: center;">Science Dangers to living things</p> <p>In Science we will investigate ‘How changes to the environment can affect the things that live there. They will construct and interpret food chains, identifying producer, prey, consumer and predator. Furthermore, they will realise that the availability of food is an important factor when considering how animals respond to change in the environment. Children will investigate the effect of a small change to an environment by placing carpet or other covering on the ground, and will consider the impact of larger changes to the environment such as fire and flood. They will consider how humans can reduce the impact of some environmental changes.</p>	<p>P.E - Hockey</p> <p>1. Passing and Receiving To develop flexibility, strength, technique, control and balance.</p> <p>2. Moving with the Ball To develop flexibility, strength, technique, control and balance.</p> <p>3. Getting Past a Player To develop flexibility, strength, technique, control and balance. To play competitive games, modified where appropriate and apply basic principles suitable for attacking and defending. To get past an opponent.</p> <p>4. Tackling To develop flexibility, strength, technique, control and balance. To play competitive games, modified where appropriate and apply basic principles suitable for attacking and defending To tackle an opponent and win the ball back.</p> <p>5. Hitting and Shooting To develop flexibility, strength, technique, control and balance. To play competitive games, modified where appropriate and apply basic principles suitable for attacking and defending.</p> <p>6. Using Your Skills To develop flexibility, strength, technique, control and balance. To play competitive games, modified where appropriate and apply basic principles suitable for attacking and defending. To apply the hockey skills I have learnt.</p>
<p style="text-align: center;">Art/DT Printing, collage and textiles</p> <ul style="list-style-type: none"> ● To increase awareness of composition, scale, texture and tone. ● To investigate different materials to create a Collograph plate. ● To create a repeating pattern. ● To embellish, using a variety of techniques and different materials, 	<p style="text-align: center;">French</p> <p>This term, the children will be learning how to hold conversations in French about animals. They will also learn the vocabulary and grammar required to be able to express their hobbies and preferences.</p>	<p style="text-align: center;">PSHE</p> <p>In PSHE we will be exploring how to deal with feelings. Children will learn the importance of having feelings and ways to cope with intense feelings. They will also learn how sometimes our own actions impact another person’s feelings and how help a friend through emotions.</p>
		<p style="text-align: center;">History</p> <p>Who’s that waving axes and brandishing swords? In the second half term, we will be conducting our own research into Anglo-Saxon and Viking daily life, through the use of a variety of primary and secondary sources. The children will analyse and draw some replica artefacts. We will find out why the Vikings caused the</p>

<p>using their own and manufactured materials.</p> <ul style="list-style-type: none">• To explore the roles and purposes of artists, craftspeople and designers working in different times and cultures.• Investigate printing techniques to create Maori art. (Onto textiles)	<p>During the second half term, we will be exploring how to look after our health.</p>	<p>Anglo-Saxons such trouble, and decide just how 'great' Alexander the Great was. Finally, we will discover how London changed throughout this era of history.</p>
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