



Brooklands Primary School –Curriculum Information for Parents 2018/19

Year 5

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Mathematics	<p>The children will secure their understanding of place value, before using it to help them with written and mental addition, subtraction, multiplication and division skills. They will also look at statistics such as graphs and charts. The children will apply these skills to a mixture of real life problems, puzzles and patterns.</p>		<p>The children will begin to develop and extend their knowledge and understanding of fractions, decimals and percentages. They will look at Maths vocabulary such as prime numbers and squares. The children will apply these skills to a mixture of real life problems, puzzles and patterns.</p>		<p>The children will explore measurements such as area and volume. They will learn about angles and extend their understanding of position and direction. They will also convert measures using metric and imperial. The children will apply these skills to a mixture of real life problems, puzzles and patterns.</p>	
English	<p>In Narrative, the children will continue to develop their knowledge of plot and characters and will learn about using a variety of devices in their writing. These will be linked to their class novel.</p> <p>In Non-Fiction, the children will learn about the features of persuasive texts before writing their own texts on a variety of topics of their choice.</p> <p>The children will read and perform a variety of poems, learning about intonation, pitch and volume.</p>		<p>In Narrative, the children will look at stories from different cultures. They will look at the style of writing and then develop their own writing using these features.</p> <p>The children will also learn about the features of playscripts. They will have the opportunity to write their own script, as well as and learn, rehearse and perform a script to produce a show for a live audience.</p> <p>In poetry, the children will explore different images that can be created in writing.</p>		<p>The children will study the classic narrative ‘Tom’s Midnight Garden’. They will look at language changes and try to write in the style of the author.</p> <p>They will examine the features of explanation texts and will use these to complete writing linked to topic of Science.</p> <p>In poetry, the children will look at classic narrative poetry and use a wide variety of figurative language to retell the story and create their own scenes.</p>	
Topic (Includes History, Geography, Art and Design Technology)	<p><u>What a Wonderful World</u></p> <p>The children will learn lots of interesting things about our planet, including about the movement of the Earth, Moon and Planets as well as investigating day, night and time zones. The children will explore famous sights and landmarks from around the world and learn what it is like to live in different regions,</p>		<p><u>Time Travellers</u></p> <p>The topic will begin with a look at modern day Greece and Baghdad. They will then be transported back in time to 490BC – the beginning of Classic Greece. The children will discover what it was like to live in ancient Greece including the clothing, the jobs and the entertainment. They will learn about and</p>		<p><u>Kings and Queens</u></p> <p>The topic will begin with learning about the Battle of Bosworth to show the children how the Tudors came to power. The children will learn about the houses of Lancaster and York as well as examining in depth the key figures of Richard III and Henry VII. The children will learn about the great Henry VIII. They will find out</p>	

	<p>making video 'day in the life' diaries. They will look at where food comes from around the world and learn about the concept of food miles. They will debate the issue of GM crops before finding out about seasonality and local produce. They will have the opportunity to put their knowledge to the test by cooking some delicious food using local and seasonal ingredients.</p> <p>Finally, they will discover how they can keep our world a beautiful place to live. They will learn about the ways we are harming and saving our planet, before finding out how to recycle, how we can encourage sustainability and the advantages of renewable energy for different communities around the world.</p>		<p>investigate Ancient Greek art, Science and Design Technology by investigating how the Greeks moved heavy items, before making their own Archimedean Screw and Ancient waterwheel. They will also have the opportunity to learn about the original Olympics, the gods and goddesses, and hear and retell a variety of Greek Myths.</p> <p>Following on from the end of Ancient Greece in 500AD, the children will be transported to 700AD and the earliest Islamic civilisations. They will find out about the geographical location of Baghdad and why it was important, look at the design of the city and find out about the birth of Islam. They will also look into the life of Al-Khawarizmi, an early mathematician and scientist.</p> <p>Finally, the children will investigate elements of Greece and Baghdad that are still used in our modern world by looking at the concepts of democracy, algebra, science and architecture.</p>		<p>about his six wives and what happened to them as well as his influence on Britain and religion. They will learn about Hans Holbein and his court pictures of Henry before getting crafty and using their collage skills to make a life size picture in the style of Holbein.</p> <p>The children will become Tudor citizens, finding out about the differences between rich and poor Tudors, and designing and constructing their own wooden-framed Tudor house. They will learn about Henry VIII's children and how life changed when each of them came to power. They will also discover the fate of Lady Jane Gray. The children will then learn about tudor crimes and punishments under each monarch – they will find out what was against the law and how different groups of people would have been punished.</p> <p>Finally, the children will gain an overview of life in Stuart, Georgian and Victorian times before choosing a monarch to study</p>	
Science	<p><u>Earth and Space</u> The children will learn about the movement of the Earth, Moon and planets. They will find out about day, night and the seasons. The children will experience a trip to the Museum of Science and Industry.</p>	<p><u>Forces</u> The children will learn about gravity, air resistance and water resistance. They will investigate different mechanisms such as levers, pulleys and gears.</p>	<p><u>Materials</u> The children will learn about dissolving, mixing and changing materials. They will investigate solids, liquids and gases through filtering, sieving and evaporating.</p>		<p><u>Living things and habitats</u> The children will learn all about the life cycle of mammals, amphibians, insects and birds.</p>	<p><u>Animals including humans</u> Children will learn about life processes and changes as humans develop to old age.</p>
Computing	<p><u>Earth and Space</u> Then children will be exploring the earth</p>	<p><u>Cars</u> The children will create a detailed 2</p>	<p><u>Grand Designs</u> The children will be exploring</p>	<p><u>Website Designers</u> The children will have the opportunity to</p>	<p><u>Interactive Art Exhibition</u> This will introduce</p>	<p><u>Code Breakers</u> This will introduce children to binary</p>

	and space using technology.	player game that includes racing cars around a track.	drawings/illustrations representing both 2D and 3D worlds.	build their own webpage	children to the amazing world of Augmented Reality.	code and how codes can be deciphered.
R.E.	Can we live by the values of Jesus in the 21 st Century?	Why do Christians believe in God whilst others are non-religious?	World Faith study – Islam (link to Time Travellers topic)	What does it mean to be a Muslim in Britain?	If God is everywhere, why go to a place of worship?	What matters most to Christians and Humanists?
P.E.	Outdoor – Adventure activities Indoor - Dance	Outdoor - Handball Indoor - Gymnastics	Indoor – Tag Rugby Outdoor - Basketball	Outdoor – Hockey Indoor - Gymnastics	Outdoor - Rounders Indoor - Athletics	Outdoor - Tennis Indoor - Cricket
PSHE/SEAL	Living in the Wider World The children will learn about why rules are needed and the rights people have. They will find out about the consequences of anti-social behaviour and learn about different values and customs		Health and Wellbeing The children will learn about independence and responsibility, how to keep physically and emotionally safe, and about changes and transitions.		Relationships The children will learn about stereotypes and how to challenge discrimination. They will find out about different types of relationships such as marriage and learn about working together.	
MFL	L'aphabet	Les planetes	On y Va	Les Animaux	J'aime...	La Nourriture
MUSIC	Don't Stop Believin'	Bells Ring Out	Classroom Jazz	Benjamin Britten – A Tragic Story	Stop!	Reflect, Rewind and Replay