



Brooklands Primary School –Curriculum Information for Parents 2018/19

Year 6

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Mathematics	<p>The children will focus on deepening their knowledge of number in Autumn Term. They will look at the properties of numbers and secure their mathematical vocabulary. They will look at BODMAS and complete complex calculations using fractions. The children will also apply their knowledge to real-life situations.</p>		<p>The children will learn about converting measures including using imperial measures such as miles and ounces. They learn the principles of algebra including how to use algebra to work out area, perimeter and volume. They continue to develop their skills in reading graphs and construct their own pie charts.</p>		<p>The children spend the first half of the term revising for their end of year tests. All topics will be revised with a particular focus on securing arithmetic skills ready for Secondary School. They will also look at the properties of different shapes including parts of a circle. The children will then complete a Maths project to introduce them to higher level concepts and allow them to apply their skills.</p>	
English	<p>In narrative, the children will read the novel 'Letters from the Lighthouse', analysing characters, settings and plot before writing their own prequel or sequel. They will continue to develop their knowledge of grammar, applying the techniques learned in their independent writing. For non-fiction, the children will focus on newspaper reports, examining tabloid and broadsheet examples before writing their own reports. The children will also focus on learning poems by heart and reading narrative poems such as 'The Raven'.</p>		<p>The children will look at a range of famous poems, learning some by heart and analysing the features and language of others. They will develop their reading skills through focused whole and guided reading sessions using a variety of texts. Linked to our topic work, the children will read a range of biographies before writing a class biography a famous American and choosing their own famous figure to research. In fiction, we will choose an additional class novel and complete various reading and writing activities linked to the text.</p>		<p>In narrative, the children will be introduced to a variety of film narratives. They will further develop their ability to write about characters and settings at length before writing their own short stories based on a film narrative. In non-fiction writing, they will look at persuasion which will be linked to writing pitches for their enterprise projects. In poetry, the children will study a range of poems linked to the topic of water, both traditional and modern, analysing language and images used.</p>	
Science	<p>Light – children will investigate light, how it travels and reflects. They will be introduced to the idea of refraction and use a prism.</p>	<p>Electricity - Children construct circuits and investigate resistance, bulbs and switches. The children will link this learning to their work in Science, where they will use electrical circuits to</p>	<p>Animals, including humans – children will learn how the human body works, including the heart and the lungs. They will learn about the ways in which they can stay healthy, as well as examining the impact of smoking, alcohol and drugs on physical and mental health.</p>		<p>Living things and their habitats – Children will learn how living things are classified into broad groups according to characteristics, including micro – organisms, plants and animals.</p>	<p>Evolution and Inheritance – children will learn how living things have changed over time and how animals and plants are adapted to suit their environment.</p>

		send messages in Morse code.				
Topic	<p>Blitzed Brits The topic will begin with the children experiencing an air raid and finding out all about the Blitz and the blackout. Using their drawing skills, they will explore the different ways artists represented the Blitz and will find out how the Blitz affected people who lived in their area. As the Manchester Blitz continues, the children will be evacuated out to the country. They will learn what it was like to move away from the city and will experience the hardships of rationing. The children will hear first-hand accounts of the Battle of Britain and D-Day, finding out about the people from their area who took part in it. They will look in depth at some of the key figures involved such as Adolf Hitler, FDR, Alan Turing and Winston Churchill, learning about the roles they played in these events. Finally the children will learn about Anne Frank and the discrimination that Jewish people experienced in Nazi Germany. They will read excerpts from her diary and learn about what the family experienced.</p>		<p>Amazing Americas The topic will begin with a study of the Americas, finding out about famous landmarks and detailing the human and physical features. The children will develop their map skills by locating cities, regions and countries before comparing and contrasting different locations and making a travel website. The children will then move onto finding out about the history of the Americas, how they were discovered, what it was like to live there in the past and how it has changed over time. They will also find out about famous Americans who have shaped history and look in depth at the art work of Georgia O'Keefe and Andy Warhol. To finish off the topic, the children will take a fun tour through Hollywood, learning about how they came to make films and experiencing special effects and costumes which will lead to them writing, producing and filming their own movie! They will also experience the San Francisco Earthquake of 1906 and find out how people prepare for the next big quake!</p>		<p>Water, Water, Everywhere The children will then expand their knowledge to locate and find out about different bodies of water around the world. They will investigate aquatic biomes such as coral reefs and discover the problems of over-fishing, tourism and diving. They will use a variety of paint techniques to represent the creatures found in coral reefs and recycle old water bottles to make 3D art pieces. The children will find out about what makes it rain (especially in Manchester!) and investigate the water cycle. They will discover why it doesn't rain much in the desert and what happens when people do not have enough water. They will learn about the charity 'Water Aid' and what it does to help children who don't have clean water. Finally, the children will learn about the sinking of the Titanic. They will investigate what life was like for the people on board, find out the reasons for the sinking and discover more about the famous people on board.</p>	
Computing	<p>Online Safety Dilemmas: In this activity the children will become online safety ambassadors. They will be given modern day dilemmas that children</p>	<p>VR Worlds: The class will explore Virtual Reality (VR) and how it can be used in the classroom. The children will also build their own VR world.</p>	<p>Maths: Solve IT Club: Children will produce their own digital guide to being a maths genius. Making videos and animations showing how to solve various maths</p>	<p>Quiz Show Host: The children will create quizzes using a variety of apps.</p>	<p>Board Game Design: The children will learn graphic design skills as they plan and prototype their own board game. They must also create a pitch to sell the concept of their</p>	<p>End of Year project: The children will be combining apps and programmes of their choice to make a presentation about their time at Brooklands</p>

	face every day online and asked to produce a series of “what to do” videos to explain how to cope online.		problems.		game.	
The children will also complete work linked to e-safety each term as part of their Computing sessions called ‘My online life’						
R.E.	World Faith study – Judaism (Link to WW2 topic) The children also make links to other faiths through a workshop about the Bah’ai faith.		Is it better to express your beliefs in art and architecture or charity and generosity?	What difference does it make to believe in ahimsa, grace or Ummah?	What do Christians, Hindus and Humanists say about when life gets hard? Peace Mala	
P.E.	Outdoor – Invasion Games Indoor - Gymnastics	Outdoor – Net/Wall games Indoor - Dance	Outdoor – Striking and Fielding Indoor – Health Related Fitness	Outdoor – Adventure/orienteering Indoor - Gymnastics	Outdoor - Striking and Fielding Indoor - Athletics	Outdoor - Athletics Indoor - Invasion Games
MUSIC	Wider Opportunities – Children work with a specialist teacher from Trafford Music Services to learn songs and rhythms using African drums and associated percussion instruments		Living on a Prayer – Children practise singing and composing using tuned and untuned percussion. They also look at music linked to topic and recreate some pieces using digital music programmes and apps		End of Year Production – children focus on singing solo, in groups and as a choir to perform songs for a Y6 production	
PSHE/SEAL	Health and Well-Being This unit develops the children’s ideas about what can affect physical, mental and emotional health. They examine the role that the media play in self-image and learn about the dangers of drugs, alcohol and tobacco. They will also find out about how to keep themselves safe online, on the roads and in their environment.		Living in the Wider World This unit introduces the children to the concept of topical events around the world, looks at anti-social behaviour and how it affects different groups, develops the children’s idea of rules and introduces them to the concept of how to manage their own money.		Relationships The children will learn about the different types of relationships people have and how people in our community can be similar and different. They learn about how to work together collaboratively, resolve disputes and respect the views of others. They also complete work on SRE (Sex and Relationships Education).	
MFL	La nourriture	Au Café	Quel temps-fait-il?	Ou est...?	Quelle heure est-il?	L’emploi du temps