



Brooklands Primary School – Curriculum Information for Parents 2025-26

Year 5

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Educational Visits:	Jodrell Bank		Residential		Plants and Habitats – Local Area Visit	
Mathematics	The children will begin by revising and extending their knowledge of tenths and hundredths. They will represent decimal numbers in different ways and use them in calculations. They will round decimals and use their understanding to compare and order them. The children will then apply this knowledge to money where they will develop their multi-step problem solving skills with a focus on using efficient strategies. They will then move on to explore negative numbers and how to place these on a number-line. Finally, they will focus on the short methods for multiplication and division. Initially, they will explore these methods visually and using partitioning in order to deepen their understanding, before moving on to solving complex problems.		Linking to our work on multiplication, this half term will begin with a focus on area. The children will learn how to measure and calculate the area of rectilinear shapes. They will solve a range of different style problems linked to measure. They will revisit their understanding of decimal numbers, this time with a focus on multiplying and dividing them by 10, 100 and 1000. Using this knowledge, the children will practise converting between different units of measure. Next, they will learn how to find the volume of a shape. This will include learning about cube numbers and how to efficiently multiply three whole numbers together. They will explore prime and square numbers before moving onto factors and multiples. The children will work systematically to find all of the factors of a number and will explain how to identify the multiples of any given number.		Fractions will form the largest part of our maths learning this term. The children will explore multiplying proper, improper fractions and mixed numbers by whole numbers. Following this, they will find simple fractions of quantities, progressing onto problems where they have to use the information given to calculate a missing whole. The children will use their understanding of fractions to compare and order. They will explore equivalent fractions and solve problems involving these. They will make links with work on decimals to recall and compare common equivalents. The children will return to different measures contexts to apply their understanding by converting between decimals and fractions and solving problems involving different units. They will finish this term by naming, drawing and measuring different types of angle.	
English	<u>Writing to Entertain – Narrative</u> The children will study the novel ‘The Boy at the Back of the Class’. They will discuss and explore the characters and issues within the text, using their reading skills to answer a range of questions. They will re-write parts of the story from different perspectives with a focus on speech and how this can be used to advance the action. <u>Writing to Entertain – Poetry</u> The children will focus specifically on ‘Kenning’ style poems. They will explore different examples and build vocabulary to create their own. <u>Writing to Inform</u> Linked to our Science topic all about Space, the children will write informatively to create biographies and non-chronological reports. They will use their own reading and research to develop their initial ideas for writing.		<u>Writing to Entertain – Narrative</u> The children will continue to develop their knowledge of characters and plot. They will study a series of short picture books linked to Ancient Greece. Based on these, they will create character and setting descriptions as well as writing their own Greek myths. They will focus on using a range of devices to make their writing cohesive. <u>Writing to Entertain – Poetry</u> The children will explore free-verse poems with no rhyme or rhythm. They will form opinions about these and focus on author techniques such as alliteration, onomatopoeias and repetition. They will use images to generate vocabulary to create and perform their own poems. <u>Writing to Persuade</u> This term, the children will explore the language and features of persuasive writing. They will carry out a courtroom drama activity and write a persuasive speech to defend or prosecute the ‘Big Bad’ Wolf!		<u>Writing to Entertain – Narrative</u> The children will study the novel ‘Cogheart’ and will further develop their creative writing skills. They will critically analyse the author’s choice of language and will write descriptions and short extracts in the same style. They will focus on making their own specific vocabulary choices to entertain the reader. <u>Writing to Entertain – Poetry</u> This term, the children will explore narrative poetry. Our initial focus will be on the poet Hilare Belloc. After analysing some of his work, they will progress to writing their own poems with a narrative theme. <u>Writing to Discuss</u> The children will develop their knowledge of the features of discussion texts and will use these to complete a balanced argument which is linked to Cogheart. They will focus on ensuring their writing is suitable for any given audience and purpose through the language choices they make.	

Topic (Includes History, Geography, Art and Design Technology)	<u>Amazing Asia</u> The children will begin this topic with a recap of key map skills by first focusing on the Earth's continents and then zooming in to study Asia in more detail. Within this, they will re-visit the function of longitude, latitude and the tropics including identifying exact locations on the Earth's surface using 4 figure grid references. The children will explore how Asia is geographically diverse by focusing on mountains, deserts and freshwater environments. They will research Hong Kong to find out more about its human and physical features. They will make comparisons with Manchester, using fieldwork skills to generate some of their own data. The children will focus on Mount Everest. After locating it and identifying the features of its surroundings, they will consider how tourism can positively and negatively affect the area. In art, the children will explore sculptures by Chris Gilmore. They will plan and design their own structures using recycled materials and clay. In DT, they will design and bake bread to give to someone as a Christmas gift.		<u>Time Travellers</u> The children will embark on a historical journey to the beginnings of Ancient Greek civilisation, discovering what life was like during that time. They will explore key themes such as democracy, oligarchy, the assembly, and voting, gaining insight into the foundations of political systems that influence the modern world. A key focus will be placed on Alexander the Great, examining how his leadership and conquests shaped the Greek government and way of life. Following their exploration of Ancient Greece, the children will turn their attention to Ancient Baghdad. They will develop map skills to locate the Silk Road and investigate its historical importance as a vital trade route, learning what it was used for and how it connected different parts of the world. In art, the children will use drawing techniques to recreate Islamic geometric patterns. They will also create a collage piece which is inspired by Islamic designs. In DT, the children will investigate mechanisms including pulleys and gears to design and create their own fairground ride.		<u>Kings, Queens and Leaders</u> This topic looks at important rulers of Britain, identifying common themes between them. The children will begin with a focus on the beginning of the Tudor period, using sources to find out more about the life of Henry VIII in order to form their own conclusions. They will then explore and compare the reigns of Tudor Queens Elizabeth I, Lady Jane Grey and Queen Mary, evaluating their impact in areas such as culture, trade and religion in England. Finally, they will learn about the English Civil war and the events leading up to this. More specifically, they will focus on the leader Oliver Cromwell in his role as Lord Protector. They will discuss and debate sources of evidence to reach conclusions about his impact as a leader and his contribution to the outcome of the Civil War. In DT, the children will create their own bird box wooden structures linked to their knowledge of living things in science. In art, they will learn about Bernadette Twomey. They will focus on perspective and composition, as well as how to use colour to bring their art work to life.	
	Computing <u>Computer Systems and Networks - Sharing Information</u> The children will develop their understanding of computer systems.	<u>Data and Information – Flat File Database</u> Children will use tools to order and answer questions about flat-file databases.	<u>Creating Media – Video Production</u> Children will capture, edit and manipulate short videos in groups.	<u>Programming A – Selection in Physical Computing</u> The children will use Crumbles to explore the concept of 'selection' in programming.	<u>Programming B – Selection in Quizzes</u> Children will develop knowledge of 'selection' by using the 'if...then...else' structure.	<u>Creating Media – Vector Drawings</u> Children will use a range of drawing tools to create their own vector drawings.
Online Safety	Children will take part in a weekly online safety lesson that builds their understanding of how to stay safe, respectful and responsible online. The lessons will cover a range of key themes, including Self-image and Identity, Online Relationships, Online Reputation, and Online Bullying. Children will also learn how to manage online information, understand the impact of technology on their health and wellbeing, protect their privacy and security, and explore the importance of copyright and ownership. These sessions aim to equip children with the knowledge and confidence they need to navigate the digital world safely.					
Science	<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.	<u>Materials</u> The children will explore dissolving, mixing and changing materials. They will investigate solids, liquids and gases through filtering, sieving and evaporating.	<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.		<u>Living Things and Habitats</u> The children will learn about the life cycle of mammals, amphibians, insects and birds.	<u>Animals Including Humans</u> The children will explore the life processes and changes as humans develop to old age.
R.E.	Why do some people believe God exists?	Green religion - How and why should religious communities do more to care for the Earth?	If God is everywhere, why go to a place of worship?	What does it mean to be a Muslim in Britain today?	What would Jesus do? Can we live by the values of Jesus in the twenty-first century?	What matters most to Christians and Humanists?
P.E.	<u>Outdoor</u> – Lacrosse <u>Indoor</u> – Sports Hall Athletics	<u>Outdoor</u> – Netball <u>Indoor</u> – Gymnastics	<u>Outdoor</u> – Football <u>Indoor</u> – Dance	<u>Outdoor</u> – Tag Rugby <u>Indoor</u> – Health Related Fitness	<u>Outdoor</u> – Tri Golf <u>Indoor</u> – Handball	<u>Outdoor</u> – Rounders <u>Indoor</u> – Tennis

PSHE/SEAL	Healthy life style: Understand the concept of a 'balanced lifestyle' and the importance of good habits. Mental Wellbeing: Understand what positively and negatively impacts on mental health. Being Safe (including online safety): Explore how increased independence brings increased responsibility for themselves and others.		Me and my Community: Think about the lives of people living with different values and cultures. Rules, Rights and Responsibilities: Learn about human rights through the UN Declaration of the Rights of Child. Money: Understand interest, loan, debt and tax. SRE: Understand key facts about puberty and how my body and emotions might change.		Families and people who care for me: Exploring how families can differ from their own. Recognising ways in which relationships can be unhealthy. Caring Friendships: Understand what characterises healthy friendships and how to work through friendship 'ups and downs'. Online Relationships: Critically consider online friendships and sources of information. Understand who to go to if support is needed. Respectful Relationships: Understand the importance of respecting the differences of others. Recognise the consequences of discrimination.	
MFL	My School, my subject	Time in the city	Healthy eating - going to the market	Clothes, colours, fashion show	Out of this world	Going to the seaside
MUSIC	Rhythm Builders – Exploring Rhythmic Layers		Music and Words		Song Ingredients – Exploring melody, harmony and lyrics	