

Curriculum Web

Year 4



Queen's Drive Primary School has two main aims in the school curriculum.

- To provide opportunities for all pupils to learn and to achieve.
- To promote pupils' spiritual, moral, social and cultural development and to prepare all pupils for the opportunities, responsibilities and experiences of life.

These are based on an approach that stresses continuity, balance, recognition of the individual and the importance of skills, concepts, attitudes and values.



Our Values:



These are our VALUES, here at Queen's Drive, We're part of a team where we will all thrive. Reflective, resilient with compassion and care, we're risk takers, confident, willing to share. We are healthy and happy, creative in thought, Applying the skills that we have been taught. We always aim high, we DREAM and BELIEVE. Imagine- with this - what we can ACHIEVE!

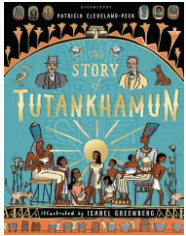
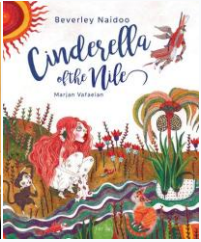


Queen's Drive Primary School

Year 4 Curriculum



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Mathematics	Unit 1 – place value, addition and subtraction Unit 2 – length and perimeter Unit 3 – statistics Unit 4 – addition and subtraction	Unit 5 – multiplication Unit 6 – division Unit 7 – time Unit 8 – 3-D shapes	Unit 9 - place value Unit 10 – multiplication Unit 11 – division Unit 12 – addition and subtraction Unit 13 – fractions	Unit 14 – addition, subtraction and money Unit 15 – 2-D shape and sorting Unit 16 – position and direction Unit 17 – area Unit 18 – statistics Unit 19 – measure	Unit 20 – place value Unit 21 – addition and subtraction Unit 22 – multiplication, division and measure Unit 23 – area	Unit 24 – fractions Unit 25 – 2-D and 3-D shapes Unit 26 – statistics Unit 27 – place value
English	<u>Fairy Tales/Folktales</u> - Cinderella of the Nile by Beverly Naidoo <u>Explanation texts</u> - Story of Tutankhamun by Patricia Cleveland-Peck	<u>Film and Play Scripts</u> - Bad Guys by Aaron Blabey <u>Information texts</u> - How to help the Hedgehog and Protect the Polar Bear by Jess French	<u>Classic narrative</u> - I was a rat by Philip Pullman <u>Newspapers/reports</u> - I was a Rat by Philip Pullman	<u>Fantasy narrative</u> - Leon and the Place Between by Grahame Baker-Smith <u>Explanation texts</u>	<u>Stories with issues and dilemmas</u> - Demon Dentist by David Walliams <u>Persuasion Adverts and posters</u> - Demon Dentist by David Walliams	<u>Character Descriptions and Book Review</u> - Weslandia by Paul Fleischman <u>Diaries/ Informal Letters and Limericks</u> - Cinnamon by Neil Gaiman
Science	Animals including humans: Digestion and food	Energy: Electricity and circuits	Materials: States of matter	Energy: Sound and vibrations	Living things: Classification and changing habitats	Making connections: How does the flow of liquids compare?
History	The achievement of the earliest civilizations – an overview of where and when the first civilizations appeared and an in-depth study of Ancient Egypt.					Britain's settlements by Anglo Saxon and Scots. Anglo Saxon invasions, settlements and kingdoms: place names and village life. Anglo Saxon art and culture.
Geography	Rivers		Ecuador Rainforest 1-4	Ecuador Rainforest 5-7		
PE	Invasion games – rugby skills Invasion games – netball skills	Swimming Gymnastics activities	Dance Health related fitness	Target games – dodgeball Invasion games – football skills	Athletics Net and wall	Striking and fielding – rounders skills OAA trust and trails
RE	Hindu dharma What might a Hindu learn through celebrating Diwali? Vishnu' Rama and Sita' Diwali	Christianity (God) How and why might Christians use the Bible? The Bible, Christian life – guided by wisdom, teachings and authority	Sikhism How do Sikhs express their beliefs and values? the 5 Ks, Equality, the Gurdwara	Christianity (Jesus) Is sacrifice an important part of religious life? Jesus in the wilderness, Lent, Sacrifice	Islam Why do Muslims fast during Ramadan? The Five Pillars of Islam, Ramadan	Christianity (Church) What does 'love your neighbour' really mean? Parables, love for all
PSHCE & British Values	Introduction and My Healthy Self Unit How can I make healthy choices?		Connecting with others unit How can we respect each other?	Citizenship unit How can I spend money responsibly?	Growing up/Health protection Unit How will my body and emotions change as I grow up?	Staying safe/Citizenship unit What signs help me recognise what is safe or unsafe?
Computer Science	Discovery Coding (Refresher)		Discovery Coding (Introduction to Variables)		Discovery Coding (Repetition & Loops)	
Digital literacy	Self-image & Identity	Online Relationships	Health, Wellbeing and Lifestyle Privacy & Security	Managing Online Information	Online Bullying	Online Reputation Copyright & Ownership
Information Technology	Computer Systems and Networks the Internet			Data and Information Data Logging		
Music	A Grand procession - Dynamics/Rhythm focus		Beat It!		Hakuna Matata/Djembe – WCIT	
Design Technology		Food and Nutrition Simple savoury food and cooking techniques <i>Final Product</i> <i>Bread</i>		ICT and electrical systems <i>Final Product</i> <i>light box / lantern</i>		Textiles 3D container from 2 pieces <i>Final Product</i> <i>Pencil case</i>
Art	SCULPTURE Artists: Sherin Guirguis Golden embellishment of geometric shapes		DRAWING Artists: Tim Measley and Leonardo Ullian Adventurous drawing inspired by circuit boards & pylons			PAINTING Artist: Sarah Graham photo realistic paintings of confectionary
Modern Foreign Languages	Phonetics lesson 2 & Je me presente (presenting myself)	Les Habitats (habitats)	La famille (family)	As-tu un animal ? (pets)	En Classe (classroom)	Chez moi (my home)
Enrichment	Abbeystead Geography Hindu Temple			Corpus Christi – DT	Anderson centre Residential	

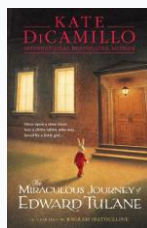
Core Texts In English we will be reading Cinderella of the Nile, a traditional version of the fairytale adapted by Disney among others . It covers the topics of slavery, morals, and perseverance. A richly visual tale with a happy ending. Also, in English lessons we will be reading Vajak Paw. This dark tale is a coming-of-age story, that documents a young cat hitting rock bottom and leaving his family. Varjak must embrace his differences and learn from the past to decide the future of his family. To further support our history unit children will read a diary like text on the discovery of the most famous Egyptian king – Tutankhamun. The story tells of the trials and tribulations that occurred along the adventure embarked upon by Howard Carter back in the 1920s. Recommended Reads  Onyeka and the Academy of the Sun – Tola Okogwu		English Narrative – Setting description - Cinderella of the Nile by Beverly Naidoo Guided Reading – Varjak Paw by S F Said Non-fiction recount – The Story of Tutankhamun We will delve deep into the story of Cinderella this half term, discovering that classics often have roots in the traditional tales of other countries. The children will begin to use similes and metaphors in their writing to enhance the experience for their readers. Year Four will become mini authors, writing and constructing their own version of the book. The children will learn about the royal families of the ancient Egyptian times and how succession and government occurred often leading to disaster and corruption!		Maths Unit 1 – Place Value of up to 4 digit numbers and numbers with 1 decimal place. Unit 2 – Length of lines and the perimeter of simple 2D shapes made of rectangles Unit 3 – Statistics including reading tables, interpreting bar charts and drawing them for a set of data Unit 4 – Written addition and subtraction	
History As historians, this half term, children will learn about the Egyptians. We will discuss the significance of their remarkably developed civilization and compare this other civilizations of the time. We will look at important achievements of the ancient Egyptians, including the pyramids and irrigation of land surrounding the Nile.		 Curriculum Web Autumn 1 The Egyptians <i>Welcome to the Autumn Term in Year 4! This year your child will grow massively and we will be there, every step of the way, to support them on their journey.</i>			
Computer Science, Digital Literacy and Information Technology This term in computing, children will refresh their basic coding skills, by creating mini moving pictures on a theme. The commands will increase in complexity and the number of figures to manage on a page will also increase. Children will talk about online profiles, discussing the importance of keeping particular information – private. They will learn more about how the internet can be used for research and to communicate with others. But importantly, that this can also come with risks.		Music Through music, we will explore dynamics and texture. We will look at rhythmic ostinatos and learn the vocabulary of dynamics eg: piano forte. The children will have the opportunity to compose their own music, using formal and creative markings.	Geography This half term we will learn about rivers from source to delta. This links nicely with our History work on the Egyptians, because their culture relied heavily on the irrigation of land around the Nile River. They will discover how a river works and terminology to describe the different sections.	R.E In RE, children will explore the religion of Hinduism. We will learn about the traditions around worship and special things that Hindus do during Diwali.	P.E _Invasion games - hockey skills Invasion games – tag rugby skills
PSHE Introduction and My Healthy Self Unit	MFL Children will learn how	Art	Curriculum Enrichment: We will supplement our RE studies by visiting a Hindu Temple here in Preston City Centre. Year		

<u>Core Texts</u> <u>Recommended Reads</u> <u>Our Planet: The One Place We All Call Home by Matt Whyman and Richard Jones</u> Richard Jones’ gorgeous graphics interspersed with outstanding photography combine to create a glorious visual exposition of the natural world. <u>How To Save the World with a Chicken and an Egg by Emma Shevah</u> Featuring extrovert Ivy, who has a unique way of communicating with the natural world, and Nathaniel, a boy with a singular and uncanny ability to retain facts about living things, this fascinating eco-mystery is an absorbing read. <u>Fantastically Great Women Who Saved the Planet by Kate Pankhurst</u> From bestselling author and illustrator Kate Pankhurst, descendent of suffragette Emmeline Pankhurst, comes another 'smart, informative, inclusive and accessible' book about trail-blazing women.	<u>English</u> The genres that are studied are; Film and playscripts and the text, Bad Guys by Aaron Blabey. When learning about non-fiction, we shall know the features of information texts which will be scaffolded using the book, How to Help the Hedgehog and Protect the Polar Bear by Jess French.		<u>Maths</u> As mathematicians we will look at : X and division 3D shapes Time	
	<u>Year 4 Curriculum Web</u> <u>Autumn 2</u> Welcome to the second half term in Year 4 and after such an amazing start to the academic year, we are eagerly anticipating a busy and enjoyable half term in the lead up to the Christmas holidays.. 			
<u>Computing</u> Online Relationships will be the core to our learning in computing lessons this half term. Children will be able to explain the importance of giving and gaining permission before sharing things online; how the principles of sharing online is the same as sharing offline e.g. sharing images and videos and know how to report anything that makes them feel scared or uncomfortable. Creating Media Audio is another exciting area that we study in Year 4 and we have a particular focus on using audio editing tools.	<u>P.E</u> Gymnastics and swimming will be our foci for this half term. Swimming will be in a two week block and you will receive more information about this very soon. Gymnastics will focus on developing skills in balance, rolling, jumping and sequencing movements with and without a partner.	<u>D.T</u> As designers, we will be investigating a range of bread products and their packaging. We will evaluating a variety of breads by taste testing and reviewing. When designing our own products we will reflect on our evaluations, whilst focusing on nutritional values. Our final bread product will be assessed by our peers so that we complete the entire design cycle.	<u>R.E</u> In RE we will be learning about Christianity and the importance of God for Christians and how they use the Bible? We will look in more detail at the Bible and how Christian life is guided by wisdom, teachings and authority.	M.F.L As French speakers, we will use our knowledge leaned in Science lessons to support us to talk about different habitats in the French language. We will have the knowledge to present about various plants and animals that live in five very different habitats
<u>Music</u> As musicians, we will explore dynamics, texture, rhythmic ostinatos, and dynamics. Our key vocabulary will be the words above and we will show an understanding how a piano works. Our intention will be for all children to compose music to include dynamic markings whilst widening our knowledge of famous composers from the past and present.	<u>PSHE</u> Introduction and My Healthy Self Unit How can I make healthy choices?	<u>Curriculum Enrichment:</u> Forest School and swimming		

Core Texts – I was a rat by Philip Pullman

Recommended Reads

The spellbinding journey of Edward Tulane. A rabbit who falls from a train and is forced to live with a myriad of people, who need him as much as he needs them.



Continuing on the theme of British wildlife, this story of an adorable hedgehog is bound to capture your child's imagination. It is crammed with humour, empathy and relatable characters. This book is fast paced, great for kids who like to be on the move!



Art

Inspired by the work of Tim Measley and Leonardo Uljan, Year Four challenge themselves by producing adventurous abstract drawing of circuit boards.

Computing

Discovery Coding – An Introduction to Variables
We will use the iPads and laptops to create short animations. We will learn how to program the characters within a landscape to perform and repeat certain tasks using positional language.

PSHE

Connecting with others unit
How can we respect each other?

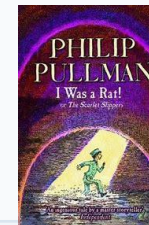
M.F.L

La Famille - Our speaking confidence will develop this half term, as we learn how to speak about our family and details of their names, gender and ages.

English

This half term we look at the text – 'I was a rat' by Philip Pullman – a tale of a boy lost in Victorian Britain. We will use this text to support our writing and reading comprehension lessons.

We will study newspaper reports and learn to write our own, using summarised details and a formal tone.
Your child will also get to write their own versions of the story using developing their grammar skills in longer sentences.



Curriculum Web

Spring 1

We are really motoring now as we begin the new year.



Geography

As Geographers we will be starting our learning all about the Ecuador Rainforest. We will be locating the Equator, South America and rainforest biomes on a map and understand the term 'biome'. We will use maps to locate key locations on a journey from London to the Ecuadorian Rainforest and devise map symbols. We will begin to consider why the rainforest needs protecting and describe rainforest products that are exported. We will make observations using fieldwork techniques to investigate the natural features of the rainforest.

Maths

Unit 9 - Place Value (hundredths, money and negative numbers)

Unit 10 – Multiplication (Grid Method)

Unit 11 – Division (Chunking and estimating)

Unit 12 - Addition and Subtraction (Quick Mental Methods)

Unit 13 - Fractions (Fractions of amounts)

Science

States of matter

As scientists, we will investigate the properties of solids, liquids, and gases, the children learn about states of matter, explore changes of state through relatable examples, explain water cycle changes and study how temperature affects the rate of evaporation.

R.E

Sikhism - How do Sikhs express their beliefs and values? We will cover the 5 Ks, equality and the Gurdwara.



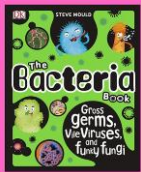
P.E

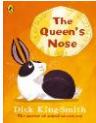
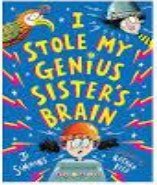
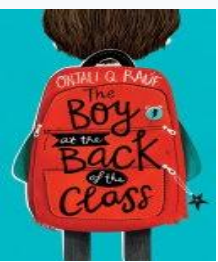
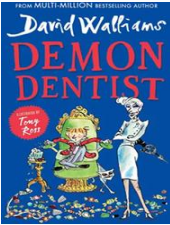
Year Four develop their fitness this half term, improving their stamina and core strength. They will also cover dance this half term, using motif, cannon and unison.

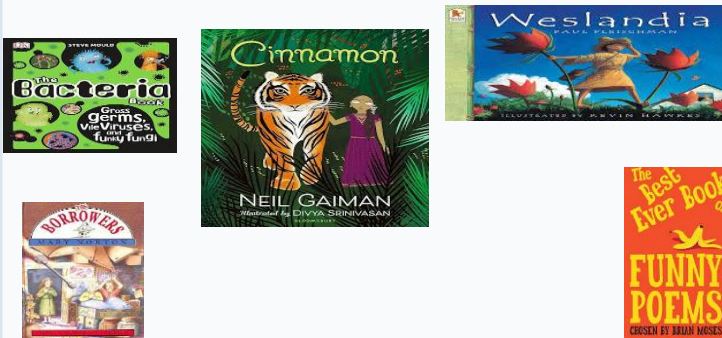
Curriculum Enrichment:

We encounter a dance workshop at Fulwood academy, including the contrasting styles of Hip-Hop and Lindy Hop. If children show promise and enthusiasm for dance, there is the opportunity to represent our school in Preston School's Dance Festival in February.



    Core Texts Thief! by Malorie Blackman is a dystopian novel with many issues for the children to understand which relate to social situations based in school and within the local community. We love it! Recommended Reads	English The main book for our English focus will be Leon and the Place Between. This magical book is full of descriptive vocabulary and outstanding pictures and will engage the children to write their own text using this story as a creative stimulus. Children will also enjoy a unit of poetry where they study a range of poems and encouraged to produce some free verse of their own. We will produce writing which we will share with other year groups in school. Please learn the weekly spellings and read every night at home to form positive habits.		Maths In maths, we will be adding and subtracting decimals and using estimation and inverse to check calculations. Children will learn about 2D and 3D shapes and be able to plot coordinates in all four quadrants. Children will find area of shapes by counting squares and interpret and draw time graphs. Please use MyMaths and TTRS at home.
Geography As Geographers we will continue our learning all about the Ecuador Rainforest. We will make observations using fieldwork techniques to investigate the natural features of the rainforest and compare these with our local area. We will make predictions about transpiration in the rainforest and compare with real rainforest data. We will make predictions about animal biodiversity in the rainforest and compare with visual and sound data. We will look at two Achuar villages and compare. We will look at how the rainforest is changing and how we can protect it, looking at the concepts of deforestation and sustainability.	 Curriculum Web Spring 2  Welcome to the second half term in Year 4. We are eagerly anticipating a busy and enjoyable half term in the lead up to the Easter holidays with our exciting, electricity focused learning. We hope that the curriculum web is useful and answers your questions about what your child will be learning. However, if you have any other enquiries, please do not hesitate to contact us in school.		Science Sound and vibrations As scientists this half term, Year 4. we will be exploring different ways of producing sounds, the children learn how vibrations relate to what they hear, how pitch and volume can be altered and how sound can be insulated with different materials.
Computing Children will be engaged in coding activities where they will have to write code to Learn how computers use variables to count things and keep track of what is going on, then create simple games which use a score variable. We will use the app, Discovery Coding for this in school.	Music The children are learning to – BEAT IT! <u>Sing/perform</u> – Explore beat box techniques. Sing songs and raps. <u>Listen/appraise</u> – contemporary music making use of electrical instrumentation and sound effects. <u>Digital music</u> – use GarageBand app on iPad, ‘Groove Pizza’ apps to create raps and accompanied rhythms. Create a new ‘Boom, snap, clap’ pattern and transfer it onto ‘Groove pizza’ app. <u>Composer focus</u>: Anna Meredith, Gabriel Prokofiev, synthesised music – Kraftwerk.	D.T As designers, the children will study ICT and electrical systems and review a range of products. Their final product will be a light box or lantern which links with Science learning and the study in English lessons. 	R.E We study Christianity and specifically, Jesus Christ. We consider whether sacrifice an important part of religious life and how Jesus went into the wilderness. Key learning is focussed around the period of Lent and sacrifice. P.E It’s Dodgeball! Children will demonstrate throwing a ball at a target using a one-handed pass. They will also throw a ball at a target with accuracy in a game situation using a one-handed throw. Pass and move is crucial in this fast-paced game.
PSHE Citizenship unit How can I spend money responsibly?	M.F.I La date This half term the children will learn ; days of the week, months of the year . The numbers 1-31 will be introduced, so, by the end of this unit, pupils will have the knowledge and skills to say the date and when their birthday is in French.	Curriculum Enrichment: Year 4 will be visiting Corpus Christi High School to build lanterns using their specialist equipment. The children will build the circuits necessary and specialist teachers will guide us through the design and technology project. We are also preparing for our PGL residential to Anderton Centre. Please ensure that you have a kit list with all the items necessary. If you have any questions, please come and see us in school.	

Core Texts  With a view to expanding the diversity of authors that the children experience, this book is written by Onjali Rauf, a woman of Muslim faith. She is part of a human rights organisation and her tales always contain a thought provoking message to support minorities. Computing  In computer science we will be learning about the need for repetitions and loops when coding. This will be done via the use of the Discovery Coding app and the children will code their own games. During digital literacy lessons, we will discuss what constitutes online bullying, how to recognise the signs and the pathways to seeking help and advice.	English Children will be learning about stories that contain issues and dilemma, focusing primarily on the Demon Dentist by David Walliams. Alfie, a young boy caring for his infirm father, Faces many challenges, including saving the entire town! Within this unit we will also focus on persuasive techniques And how advertisers appeal to the audience. Please continue to read every night with your child. 	Maths As mathematicians, we will developing our understanding of place value, compare numbers up to 5 digits, addition and subtraction, multiplication, division, units of measure and area. Please use the following website in preparation for the multiplication check in June. https://mathsframe.co.uk/en/resources/resource/477/Multiplication-Tables-Check
	Queen's Drive Primary School Curriculum Web Summer 1  Summer is here at last – well at least we hope so!! There is so much going on this term so please keep a close eye on messages and letters coming home. Our residential visit to Anderton Centre, Sports Day and learning to play the Drums are just a few examples of the things we have to look forward to. Please ensure that your child has a water bottle in school every day as we want to make most of the better weather by taking our learning outdoors when appropriate. We hope sun hats are needed too!	Science Classification and changing habitats As scientists this half term, Year 4 will be exploring ways to group living things, the children create classification keys, study how habitats change over time and understand the positive and negative effects humans have on their surroundings.
PSHE Growing up/Health protection Unit How will my body and emotions change as I grow up? M.F.L The topic is “en classe” where the children will learn about vocabulary related to the classroom, specifically found in a pencil case.	Music As musicians the children will work with a music specialist to develop their drumming skills. They will also sing and perform African songs and chants with two or more parts, comparing music from different traditions.	P.E In P.E. lessons we will be learning about the different athletics disciplines, including javelin, sprinting, longer distance, long jump and relay. In the other P.E. lesson we will develop children’s skills in tennis.
	Curriculum Enrichment: The time has come for our Year 4 residential to Anderton Centre. Please ensure that you have the kit list and that any medication is clearly labelled. We are expecting to have an amazing time. Any questions, please get in touch with us. 	
		R.E Our focus in Religious Education is the teachings of Islam. We will consider why Muslims fast during Ramadan and the traditions of the celebrations of Eid. Children will learn more about the importance of the Five Pillars Islam. We will make links between Islamic values and other religions. We will discuss the importance of being committed to beliefs and values and the concept of sacrifice. 

Core Texts and Recommended Reads		English	Maths	
		In English we will be reading the books Weslandia and Cinnamon. Weslandia is a book about a boy who imagines a world where everything is supersized! It is full of wonder as Wesley discovers the beauty in the little things around him when he becomes tiny. Cinnamon is a fascinating eastern tale of a princess and her tiger. She is sight impaired and for reasons unknown to her parents, chooses not to speak. The story develops as everyone encourages her to open up in increasingly inventive ways.	Children will be learning more about fractions and how to find fractions of amounts. There will be opportunities to develop knowledge and understanding of 2D and 3D shapes. Statistics are another key focus of this half term where we will learn about line graphs, pie charts and bar charts.	
<u>History</u> We learn about the important time in our country of the Anglo-Saxons. We consider who they were, their society, their culture, their religious beliefs, settlements, Kings, invasions and aspects of their daily life. We will also learn about the end of this period and the beginning of Norman rule in England.		<u>Curriculum Web</u> <u>Summer 2</u> Our final half term has arrived so quickly and we have enjoyed a very productive year with the children in Year 4. In this concluding half term we want to ensure that your child is ready to hit the ground running into Year 5 and has all the skills necessary for a smooth transition. The curriculum in Year 5 does become progressively more challenging, especially in maths, and so it is crucial to your child’s development that they have all the basic skills embedded to achieve their potential as they journey through the school. Thank you for all your support throughout this year.		
<u>Computing</u> Online reputation refers to how individuals, companies, or brands are perceived on the internet. This perception is shaped by online reviews, social media activity, blog posts, news articles, and other forms of digital content. Copyright is a legal concept that grants the creator of an original work exclusive rights to its use and distribution. This can apply to various types of works, including literary, artistic, musical, and software works.		<u>Art</u> In art lessons, the children will be developing their skills of painting. The artist Joel Penkman will be the inspiration for this and the children will create monoprints and photo-realistic artwork. Joël Penkman is a New Zealand-born, Liverpool-based artist renowned for her hyper realistic still-life paintings, particularly those depicting food. Her work is characterized by meticulous detail and a nostalgic quality, often evoking memories and emotions through familiar subjects like ice creams, biscuits, and classic treats	<u>D.T</u> Textiles is the unit of study and the children will learn skills of stitching, fastenings and finishing to produce a 3D container from two pieces of material. Children will evaluate products.	<u>Science</u> How does the flow of liquids compare? As scientists this half term, Year 4 will be exploring the relationship between viscosity and the flow of liquids through experiments, the children analyse data, draw conclusions and apply their understanding of states of matter to make predictions, plan and carry out an enquiry.
<u>PSHE</u> Staying safe/Citizenship unit What signs help me recognise what is safe or unsafe?	<u>M.F.L</u> _Chez Moi – My Home The children will learn to say names of items which are found in the home. They will also learn to say their address in French.	<u>R.E</u> Our final RE unit of the year focusses on Christianity and the question of “Love your neighbour” actually means. We will look at the parables from the Bible. <u>P.E</u> In PE we will be developing our striking and fielding skills through the sport of cricket. We will also be developing team work and problem solving skills through outdoor and adventurous activities.		
<u>Curriculum Enrichment:</u> This final half term allows us to exploit the use of the outdoor environment to enhance understanding in core curriculum areas. We are very fortunate to have amazing grounds at school and the local area and we will use these specifically in maths to gather data, artistic photography using technology, through orienteering in our PE lessons and when learning about battles in our History learning. We appreciate that the visit Anderton Centre last half term was an expense and aim to keep all our curriculum enhancement cost free in this final term. Please keep an eye on the text messages sent from school which will keep you informed about the range of extra curricular clubs taking place this half term.				