

Curriculum Web

Year 5



At Queen's Drive, we inspire everyone to develop their true potential and a love of learning through curiosity and excitement.

We have composed a distinctive, personalised, creative curriculum that is text rich and one that will prepare our children for an ever-changing world that is culturally diverse. Their curriculum will inspire and challenge them. One with high expectations, excellent teaching and inclusive approaches which will form the basis of all our work. Through our four school values; respectful, nurturing, aspirational and healthy, the children will get the opportunity to read widely, explore and become independent learners.

Dream. Believe. Achieve

Our intent is to inspire the next generation of writers, readers, mathematicians, engineers, historians, artists, scientists and musicians etc ...



Our Mission Statement:



At Queen's Drive Primary School, we inspire children to follow their DREAMs; to empower them to BELIEVE in themselves and others; and ensure that everyone is able to ACHIEVE their true potential.

Year 5 Curriculum

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Mathematics	Unit 1 – place value Unit 2 – addition and subtraction Unit 3 – statistics Unit 4 – geometry (angles) Unit 5 – geometry and measure	Unit 6 – multiplication and division Unit 7 – fractions Unit 8 – multiplication and area Unit 9 – time	Unit 10 – place value and negative numbers Unit 11 – addition and subtraction Unit 12 – multiplication Unit 13 – measure length, mass and capacity Unit 14 – geometry	Unit 15 – fractions Unit 16 – geometry Unit 17 – measurement Unit 18 – statistics Unit 19 – problem solving including bar modelling	Unit 20 – place value Unit 21 – measurement and statistics Unit 22 – geometry Unit 23 – addition and subtraction Unit 24 – multiplication	Unit 25 – division Unit 26 – fractions Unit 27 – percentages Unit 28 – statistics Unit 29 – measurement
English	<u>Persuasive letter</u> Viking non-fiction <u>Legend</u> The Legend of Geralt & Monster Slayer by Brian Patten	<u>Non-chronological report</u> Curiosity: The story of the Mars Rover by Markus M <u>Sci-fi exercise</u> – visual literacy ET <u>Poetry on a theme</u> – The Wonderful Life by Helen Ward	<u>Narrative and Play Script</u> – Spotty Powder by Roald Dahl <u>Performance poetry</u> Jabberwocky by Lewis Carroll	<u>Narrative - sequel from an alternative perspective</u> The Island by Armin Greder <u>Myths</u> The Odyssey by Geraldine McCaughrean	<u>Balanced arguments</u> The Varminits by Helen Ward <u>Stories from other cultures</u> The Match Box Diary by Paul Fleischman	<u>Narrative</u> The Nowhere Emporium by Ross MacKenzie <u>Newspaper Reports</u> Shackleton's Journey by William Grill <u>Poetry</u> The Highwayman By Alfred Noyes
Science	Materials: Mixtures and separation	Materials: Properties and changes	Forces and space Earth and space States of matter	Living things Life cycles and reproduction	Forces and space Classification and changing habitats	Animals – human timeline Making connections Does the size of an asteroid affect the diameter of its crater?

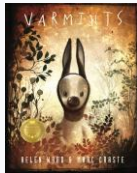


History	The Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor			Ancient Greece – a study of Greek life and achievements and their influence on the western world.		A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066. Human migration and settling of South Asian families and communities to Britain
Geography	Mountains		Volcanoes and earthquakes		Contrasting European Regions	
PE	Invasion games – hockey skills Invasion games – tag rugby	Gymnastics Swimming	Dance Sports hall athletics	Invasion games – Netball skills Net and wall – badminton	Orienteering Athletics	Striking and fielding – rounder skills Striking and fielding – cricket skills
RE	Christianity (God) Why is it sometimes difficult to do the right thing? Sin, Adam and Eve's disobedience, temptation and morality	Islam Why is the Qur'an so important to Muslims? The Qur'an, The Night of Power	Hindu dharma What might Hindus learn from stories about Krishna? Krishna, Holi	Christianity (Jesus) What do we mean by a miracle? miracles of Jesus, pilgrimage	Christianity (Church) How do people decide what to believe? The Trinity, use of symbols and metaphors, The Worldwide Church	Judaism Do people need laws to guide them? The Torah, the synagogue
PSHCE & British Values	Introduction and My Healthy Self Unit How can I support my mind and body as I grow?		Connecting with others unit Why are healthy relationships important?	Citizenship unit How can we make a difference in our communities and beyond?	Growing up/Health protection Unit How can I manage the changes to my body and emotions as I grow up?	Staying safe/Citizenship unit How can we be in control of our money
Computer Science	Discovery Coding (Refresher)		Discovery Coding (Speed, Direction & Coordinates)		Discovery Coding (Random Numbers & Simulations)	
Digital literacy	Self-image & identity Online Reputation	Managing Online Information	Online Relationships	Health, Wellbeing and Lifestyle Online Bullying		Privacy & Security Copyright & Ownership
Information Technology		Creating Media – Video Production		Data and Information Flat File Databases		
Music	Footsteps on the Moon		At the Movies		Stand up, Sing Out! – Ukulele WCIT	
Design Technology			Food and Nutrition Food / CAD / CAM Chocolate making, 3d printing, 2d packaging (Corpus Christie) Final Product: Wrapped Chocolate	Structures Frame structures Final Product Bird Boxes		Mechanisms Cams Final Product Cams Toy (Corpus Christie High school)
Art		PAINTING Artists: Van Gogh and Adam Lister space images Related paintings of Van Gogh's Starry Night			DRAWING Artists: Raku Inoue and Damien Hirst Experimental and realistic drawings of rainforest beetles and butterflies	SCULPTURE Artist: Alekos Fassianos Stylised images of the Greek gods, figures and birds
Modern Foreign Languages	Phonetics lesson 3 & As Tu Un animal? (Do you have a pet?)	Quelle Est La Date Aujourd'hui? (What is the date today?)	Quel Temps Fait-Il? (The Weather)	Les Jeux Olympiques (Olympics)	Au Café (At the Café)	Les Vêtements (Clothes)
Enrichment	Viking Day with Viking Expert	Swimming Space Dome	Forest School DT at Corpus Christie		French Café	Virtual Synagogue visit Moor Park Local visit – Historical and geographical usage Fieldwork unit

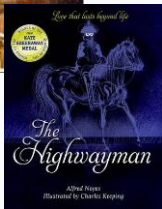
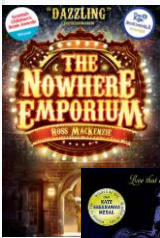
<u>Core Texts</u> English we will be reading, Monster Slayer. This text supports our as we study the Legend of Gelert and the combination of the two ts encourage children to engage in action writing for a legend or monster.  <u>Recommended Reads</u> The Wolves of Willoughby Chase The boy who made monsters Viking Boy		<u>English</u> Narrative - Legends - The Legend of Gelert & Monster Slayer by Bryan Patten Persuasive speeches – Based upon Viking Settlements Throughout the first half term, Year 5 will use a variety of smaller legends alongside the brilliant “Monster Slayer” to develop their descriptive language, including the description of a monster and its lair. This will be linked through action and dialogue to help the progression of their narrative writing. The children will continue to build on their work from Year 4 through the use of different adverbials, focusing on clarity and cohesion in their writing.		<u>Maths</u> Unit 1 - Place value Unit 2 – Addition and subtraction Unit 3 – Statistics Unit 4 – Geometry Unit 5 – Geometry and measure	
<u>History</u> Historians, this half term, children will learn about the struggle for er between Anglo Saxons and Vikings within Britain. This will build e substantive knowledge of settlement and invasion and develop torical skills from last year’s topic on Anglo Saxons. Children will n about how and why Vikings first came to Britain and the role of fred the Great in his attempts to unite England. As well as this, dren will learn about how the Norman invasion led to the end of ict within England, explaining what happened to the people living in Britain during that period.		 <u>Curriculum Web</u> <u>Autumn 1</u>  <i>Welcome to the Autumn Term in Year 5! We are excited to begin our upper KS2 journey with you!</i>		<u>Science</u> Mixtures and separation As scientists, the children will be exploring different types of mixtures, the children learn methods of separation, dissolve various substances, investigate how temperature affects dissolving time, design and create a water filter, sieve soil and evaporate solutions.	
<u>Computing</u> er term in computing, children will refresh their coding skills, explore identity on the web, understand computer network systems, and safe searching on the internet.		<u>Music</u> This term in music Year 5 will explore pitch. They will learn how to play scales in the pentatonic style. We will introduce tones and semitones. Children will practise performing rhythms – crotchets, quavers, minims. Our practice and play will be using glockenspiels.		<u>D.T</u> In DT, Year 5 will plan, design and build their own bird boxes. The topic will focus on the building of structures and reinforcing frameworks. Children will develop their accuracy of measuring and will be using appropriate equipment to cut wood.	
<u>PSHE</u> Introduction and My Healthy Self Unit How can I support my mind and body as I grow?		<u>M.F.L</u> Children will learn vocabulary for animals. As tu un animal? There will be lots of opportunities to develop knowledge and skills to present both orally and in written form about the pets they have and/or do not have in French.		<u>P.E</u> The first half term will consist of children partaking in invasion games through tag rugby and hockey. Children will deepen their understanding of how to pass with consistency and apply attacking and defensive tactics in game situations.	
		<u>Geography</u> In Geography this term, we will study mountains. Children will gain an understanding of physical features of mountain ranges and locate ranges in and around the UK expanding to world wide. Geography. During our topic on Mountains we will study the features of mountains, locate the world’s 7 summits. We will further our studies by focussing on mountain climate and life in the mountains. We will also study the UK’s highest mountains and use atlases to gain insight into the		<u>Curriculum Enrichment:</u> A part of our Viking topic, we are excited to welcome our Viking visitor who will teach us all about what it was like in Britain during the battle for supremacy between the Anglo Saxons and Vikings. Stories, dressing up and a range of activities to help us delve into back into time.	

<u>Core Texts</u> In Year 5 English, students will explore engaging non-fiction topics through a variety of books. They will read <i>Curiosities</i>, which sparks interest in fascinating facts, and <i>A Mars Rover</i>, which introduces space exploration. <u>Recommended Reads</u> Lunar by Chris Bradford. Scrap by Guy Bass	<u>English</u> Our English unit will begin by delving into a topic on science fiction. We will continue our learning with some cross-curricular writing on space with non-chronological reports. We will end our term by looking at poetry with a space theme.	<u>Maths</u> Unit 6 – multiplication and division Unit 7 – fractions Unit 8 – multiplication and area Unit 9 – time Within this time children will be continuing to consolidate their multiplication and division facts for quick recall.	
	 <u>Curriculum Web</u> <u>Autumn 2</u>  Welcome back to Autumn term 2. We are excited to begin our 2nd term with you. Our term has a many cross-curricular links with space and science fiction.		<u>Science</u> Materials: Properties and changes As scientists this half term, Year 5 will be broadening their understanding of material properties, the children investigate hardness, transparency and conductivity, explore how these properties influence material uses, study reversible changes like dissolving and changes of state and compare them to irreversible changes like rusting, burning and mixing vinegar with bicarbonate of soda.
	<u>PSHE</u> Introduction and My Healthy Self Unit How can I support myself as I grow? 	<u>Music</u> This term in music Year 5 will explore pitch. They will learn how to play scales in the pentatonic style. We will introduce tones and semitones. Children will practice performing rhythms – crotchets, quavers, minims. Our practice and play will be using glockenspiels.	<u>Art</u> The art topic for this half term will focus on the famous Starry Night painting by Vincent Van Gogh. Children will contrast this with a more modern form of artwork depicting the same piece, by Adam Lister in which a pixelated form of artwork is used. Children will then design and paint their own version inspired by Adam Lister’s.
	<u>Computing</u> In computing, we will be studying online information in digital literacy. We will look at validity of information found online. We will also be creating media in the form of videos and how to edit our videos.	<u>M.F.L</u> Our French topic will be Quelle Est La Date Aujourd'hui? (<i>What is the date today?</i>) <i>The children will learn to speak and write the date accurately in French and we will also look at the planets in French.</i>	Curriculum Enrichment: As part of our Earth and space unit, children will have the opportunity to enter the Wonderdome, a totally immersive planetarium, which provides children with the opportunity to learn more about our solar system, the planets within them and movement of planets around the sun.

<u>Core Texts</u> This term, Year 5 will be reading ‘Cosmic’ by Frank Cottrell Boyce.	<u>English</u> This half term, Year 5 will engage with a diverse range of texts to enhance their writing and performance skills. Narrative and Play Script: Using <i>Spotty Powder</i> by Roald Dahl, students will explore the humor and creativity in narrative writing, transitioning to play script format. They'll learn to write and adapt narratives for performance, focusing on dialogue and stage directions. Performance Poetry: Through <i>Jabberwocky</i> by Lewis Carroll, students will dive into the world of nonsense poetry, exploring rhythm, rhyme, and language play. They will practice performance poetry techniques, using expression and body language to bring their poems to life.	<u>Maths</u> Unit 10 – place value and negative numbers Unit 11 – addition and subtraction Unit 12 – multiplication Unit 13 – measure length, mass and capacity Unit 14 – geometry	
		<u>Computing</u> This term, Year 5 will learn about Speed, Direction, and Coordinates in coding and discuss Online Relationships, focusing on safety and responsible online behaviour.	
<u>Geography</u> As Geographers we will find out about volcanoes and earthquakes. We will find out about the structure of the Earth and label a diagram. We will describe what happens at the boundaries between the Earth’s plates. We will describe and explain the key features of a volcano and locate a range of famous volcanoes. We will find out key facts about them, including when they last erupted. We will discuss the effects of a volcanic eruption. We will explain why earthquakes occur and locate famous ones. We will find out key facts about them and look at the effects of earthquakes on land and people. We will identify the help people need after an earthquake has occurred.	 <u>Curriculum Web</u> <u>Spring 1</u>  Welcome back, Year 5! We're excited to dive into a fun and engaging Spring Term, filled with forest school and DT at Corpus High School!		<u>Science</u> Forces and space: Earth and space As scientists this half term, Year 5 will be exploring the movement of celestial bodies in the Solar System, the children learn about the Earth, other planets and the Moon, discover how the Earth’s rotation causes night and day, understand how sundials work and investigate satellite uses and the issue of space junk.
	<u>DT</u> In this unit, students will dive into chocolate making using Computer-Aided Design (CAD) and Computer-Aided Manufacturing (CAM). They’ll design 3D chocolate shapes and create 2D packaging, culminating in a hands-on project where they produce their own wrapped chocolate products. This engaging experience blends culinary skills with technology and creativity, offering a deliciously educational adventure!	<u>M.F.L</u> In French this half term, "Quel Temps Fait-Il?" introduces weather vocabulary through vibrant illustrations and engaging text. It explores different weather conditions, helping kids connect them to their experiences while promoting language development and curiosity about nature.	<u>P.E</u> This half term in PE the focus will be on dance and badminton.
<u>R.E</u> This term, Year 5 will learn about Hindu Dharma through the stories of Krishna, exploring lessons on love and duty. They will also discover the colorful festival of Holi and its significance.			
<u>PSHE</u> Connecting with others unit Why are healthy relationships important?	<u>Curriculum Enrichment:</u> As part of our curriculum enrichment, the children will have the opportunity to visit Corpus High School to complete their Design Technology (DT) unit, utilising the school's advanced equipment.		

<u>Core Texts</u> The Odyssey by Geraldine McCaughrean This tale from Ancient Greece links with our history work. Shackleton’s Journey by William Grill This visually stunning book recounts the true story of Ernest Shackleton’s Antarctic expedition. It has been selected to engage children with a real-life historical adventure while developing their journalistic and factual writing skills.		<u>English</u> This half term, Year 5 will explore a range of engaging texts to develop their writing skills. Balanced Arguments: Using <i>The Varmints</i> by Helen Ward, students will analyze themes such as environmental issues and conflict, inspiring them to write balanced arguments that consider multiple perspectives. The children will write their own version of a Greek myth, using the features of this text type. Newspaper Reports: Through <i>Shackleton’s Journey</i> by William Grill, students will delve into the thrilling world of exploration, learning to write detailed newspaper reports that capture significant events and achievements. 		<u>Maths</u> Unit 15 - fractions Unit 16 - geometry Unit 17 – measurement Unit 18 – statistics Unit 19 – problem solving including bar modelling	
<u>History</u> In Year 5, children will study Ancient Greece, exploring Greek life, achievements, and their lasting influence on the western world. They’ll delve into key aspects of Greek civilisation and society, including mythology, the origins of democracy, the Olympic Games, and advancements in art, philosophy, and science. This unit will highlight the profound legacy of Ancient Greece while encouraging children to connect past achievements to modern life through the substantive concepts of civilisation and society.		 <u>Curriculum Web</u> <u>Spring 2</u> Welcome back, Year 5! We're excited to dive into a fun and engaging Spring Term 2, filled with new learning adventures and opportunities to grow together.		<u>Science</u> Living things: Life cycles and reproduction As scientists this half term, Year 5 the children will be comparing the life cycles of plants, mammals, birds, amphibians and insects. The children will investigate asexual reproduction in plants and compare sexual and asexual reproduction.	
<u>Computing</u> In computing, children will explore data and flat-file databases, learning how to organise and manage information effectively. They’ll also focus on health, wellbeing, and lifestyle, including understanding the impact of technology and addressing issues like online bullying to promote safe and responsible internet use.		<u>Music</u> In music, children will explore film music, singing 2-3 part songs and rounds for enjoyment, with possible links to movies. They’ll study how music has evolved in films from the 1920s to today, listening to examples that convey different emotions and genres, such as Sci-Fi, Western, and Romance. They’ll create sound effects and use techniques like ‘Mickey Mousing’ to enhance a film clip, as well as compose leitmotifs for well-known characters. The unit will include a focus on influential composers like John Williams, Ennio Morricone, Rachel Portman, Hans Zimmer, and AR Rahman.		<u>D.T</u> In DT, children will design and create bird boxes, focusing on the concept of structures. They’ll explore materials, stability, and functionality to construct durable and appealing bird boxes, applying their creativity and problem-solving skills while learning about supporting wildlife.	
<u>PSHE</u> Citizenship unit How can we make a difference in our communities and beyond?		<u>M.F.L</u> Au Café is our French unit this half term. Children will learn how to make and take orders in French.		<u>R.E</u> In RE, children will explore the concept of miracles, focusing on the miracles of Jesus and their significance in Christianity. They will also learn about pilgrimage, understanding its importance as a spiritual journey.	
				<u>P.E</u> In PE, children will focus on invasion games like netball, developing key skills such as passing, shooting, and teamwork. The children will also do Forest School activities each week during this half-term.	

Core Texts This term, we will explore <i>Varmints</i> by Helen Ward, a thought-provoking story about environmental change and the importance of protecting nature. Through its powerful illustrations and themes, we will discuss how progress impacts the world around us. We will also read <i>The Matchbox Diary</i> by Paul Fleischman, a touching tale of a man’s life story told through small keepsakes in matchboxes. This book will help us explore themes of memory, storytelling, and immigration.  Recommended Reads Who Let the Gods Out by Maz Evans	English This half term, Year 5 will explore a range of engaging texts to develop their writing skills. Balanced Arguments: Using <i>The Varmints</i> by Helen Ward, students will analyse themes such as environmental issues and conflict, inspiring them to write balanced arguments that consider multiple perspectives. Stories from Other Cultures: <i>The Match Box Diary</i> by Paul Fleischman will introduce students to narratives from different cultural backgrounds, helping them craft their own stories that reflect diverse experiences and viewpoints.		Maths Unit 20 – place value Unit 21 - measurement and statistics Unit 22 – geometry Unit 23 – addition and subtraction Unit 24 – multiplication	
Geography As Geographers we will be looking at a contrasting European Region – Greece. We will look at the location of Europe on a world map and identify some of its characteristics as well as some countries and capitals within Europe. We will compare life in Athens to our own lives and our local area, describing the physical and human features of the localities.	Curriculum Web Summer 1 			
Computing This term, we will create interactive simulators, learning to design models of real-world systems. Students will develop coding and problem-solving skills as they explore how their programming choices affect outcomes.	Art As artists, we will experiment with different drawing techniques to create both realistic and abstract representations of rainforest beetles and butterflies. Students will explore texture, shape, and colour, using various media to capture the vibrant and intricate details of these fascinating insects.		Science Forces and space: Unbalanced forces As scientists this half term, Year 5 will be building on their knowledge of contact and non-contact forces, the children explore gravity, friction, air resistance and water resistance, consider the effects of unbalanced forces, plan investigations and test ideas using models to create the most effective pulley system.	
PSHE Growing up/Health protection Unit How can I manage the changes to my body and emotions as I grow up?	P.E In orienteering, students will develop map-reading and navigation skills, working in teams to find locations and solve challenges. In athletics, they will focus on running, jumping, and throwing, building fitness and improving technique in track and field events.		R.E As theologians, we will explore how people decide what to believe and how faith shapes their lives.	MFL In this unit, students will learn key facts about the Olympics and practice saying them in French
Curriculum Enrichment: As our enrichment for this term we are visiting Abbeystead Estate, and we will also be taking part in the Bikeability scheme.				

Core Texts The Nowhere Emporium by Ross MacKenzie In this captivating fantasy novel, <i>The Nowhere Emporium</i> follows a young boy who stumbles upon a mysterious, magical shop that changes lives. The story is filled with adventure, suspense, and wonder. This book has been chosen for its imaginative plot, which sparks creativity and invites children to explore themes of mystery, self-discovery, and the unknown. The Highwayman by Alfred Noyes <i>The Highwayman</i> is a classic narrative poem that tells a tragic story of love and sacrifice set in a historical backdrop. The haunting rhythm and vivid imagery make it a compelling read. It has been chosen for its rich language, emotional depth, and the opportunity it provides for students to analyse poetry and explore themes like loyalty, bravery, and loss.		Recommended 	English Narrative stories - Through <i>The Nowhere Emporium</i> , students will engage with themes of mystery, fantasy, and the unexpected, developing their understanding of narrative structure and character development. Poetry - The Highwayman by Alfred Noyes Students will study <i>The Highwayman</i>, a dramatic and emotional poem that tells the tale of love, betrayal, and sacrifice. They will explore its vivid imagery, rhythmic language, and deep themes, learning how to interpret and appreciate poetry while analysing its structure and use of language.	Maths Unit 25 – division Unit 26 – fractions Unit 27 – percentages Unit 28 – statistics 29 – measurement
History As historians, we will explore different types of migration and the reasons behind it, including push and pull factors. We will analyse how migration, settlement, and invasions from groups like the Romans, Anglo-Saxons, and Vikings have shaped Britain’s history, comparing it to modern migration. We will also study the impact of the British Empire, the partition of India, and the migration of people from South Asia to the UK after World War II. By examining these migration patterns, we will understand how they have enriched British society and culture, shaping the country we live in today.		 Curriculum Web Summer 2	Science As scientists, we will be looking at the human timeline Making connections Does the size of an asteroid affect the diameter of its crater?	
Computing This half term we will focus on Privacy & Security Copyright & Ownership		Music Stand up, Sing Out! - Ukulele WCIT* Sing/perform – Sing the National Anthem and songs iconic to Great Britain. Explore songs with a strong message – protest songs – ‘Aint Gonna Let Nobody’, ‘Something inside so strong’ Listen/appraise - a range of genres, cultures and styles. Music with a strong sense of national identity – Folk music/traditional (Vaughan Williams) Composers who deliver a message/protest – Joni Mitchell, Bob Dylan, Band Aid... Explore scales and chords. Introduce the ukulele – finger pick and strum open strings. Name the strings of a ukulele.	R.E Judaism Do people need laws to guide them? We will learn about the Torah, the central religious text of Judaism, and how it provides guidance for Jewish people. Art As artists, we will explore the stylised sculptures of Greek artist Alekos Fassianos, focusing on his unique representations of Greek gods, figures, and birds.	
PSHE Staying safe/Citizenship unit How can we be in control of our money		D.T Mechanisms , Cams Final Product, Cams Toy	P.E Striking and fielding – rounder skills Striking and fielding - cricket skills M.F.L In this unit, we will learn the names of different clothes in French, such as shirts, trousers, dresses, and jackets. We will practice describing what people are wearing using appropriate vocabulary and expressions.	

Curriculum Enrichment: