

St Margaret's Collier Street CE Primary School  
Curriculum Overview: Discovery Class

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
<b>Topic:</b>	Anglo -Saxon and Viking Britain	Anglo -Saxon and Viking Britain	The Natural World Volcanoes	The Natural World	Great Britain	Great Britain
<b>Focus Subject:</b>	History Geography DT Art	History Geography DT Art	Geography, Art, DT	Geography, History, Art, DT	Geography, History, Art	Geography, History, Art, PSHE, English
<b>SMCS</b>		Anti-bullying week	Equality debate Internet Safety Day PCSO visit - E-safety	E-safety day	Year 5 E-safety Ambassador training	General Election Rochester Cathedral Trip (Yr 6)
<b>Enhancement:</b>	Harvest festival PE skills day Roald Day Day	Christmas church service Christmas party Family Trust pantomime Year 5 and 6 basketball tournament	Cookery School leading church service Disco School Leading St. Margaret's Church Sunday Service Theatre ADAD Peer Mediation Yr 5	Water themed science morning Easter church service Easter Egg hunt Cookery classes	Residential trip (Yr 6) Bikeability (Yr 5) St.John's Picnic	Safety in Action (Yr 6) School trip Independent project Sports Day Tennis workshop Campout FOCSS Transition visits Rochester Cathedral trip Yr 6 Yr 6 Lunchtime cookery KS2 Great Britain Day End of Year Production Year 6 Leavers Service
<b>English:</b>	<u>Reading:</u> Weekly comprehension reading and skills lesson to: practice and embed inference, the use of language, sentence structure (SPAG) and improving reading aloud <u>Punctuation:</u> Learning will focus on structuring sentences and passages correctly and naming the parts of sentences or passages. <u>Writing:</u> Each genre will begin with learners sharing and discovering knowledge and understanding of key features, styles,	<u>Reading:</u> Weekly comprehension reading and skills lesson to: practice and embed inference, the use of language, sentence structure (SPAG) and improving reading aloud <u>Punctuation:</u> Ongoing sentence work Speech punctuation Word classes <u>Writing:</u> Each genre will begin with learners sharing and discovering knowledge and understanding of key features, styles, techniques and real life	<u>Reading:</u> Weekly comprehension reading and skills lesson to: practice and embed inference, understand the use of language, sentence structure (SPAG) and improving reading aloud. <u>Grammar and Punctuation:</u> Prepositions and prepositional phrases Definite/indefinite article Active and passive voice Learning will focus on: apostrophes, semi colons, colons and dashes in writing. <u>Writing:</u> Each genre will begin with learners sharing and discovering knowledge and	<u>Reading:</u> Follows the structure of term 3 Weekly comprehension reading and skills lesson to: practice and embed inference, answering 2 and 3 mark questions fully and using the test as evidence <u>Grammar and Punctuation:</u> Relative clauses, main and subordinate clauses, pronouns, apostrophes for possession and omission. Learning will focus on: semi-colons, colons, dashes and commas for parenthesis and demarcating sentences accurately. <u>Writing:</u>	<u>Reading:</u> Follows the structure of term 3. The focus is on understanding and answering inference questions to find deeper, hidden meaning. <u>Grammar and Punctuation:</u> Learning will focus on: using colon to link sentences and introduce a list, pronoun revision and recognising the different verb forms of <i>to be</i> . Subjunctive form. Preposition revision. <u>Writing:</u> Follows the structure of term 3 <u>Non-fiction:</u> To edit and improve a	<u>Reading:</u> Follows the structure of term 3: a key focus is identifying and lifting sections of text to use as evidence to support an opinion or inference <u>Grammar and punctuation:</u> A review of common misconceptions and celebration of strengths. Recap and revision of all previous learning with focus on the subjunctive, multi-clause sentences and correct layout of dialogue. <u>Writing:</u> <u>Non-fiction:</u>

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	<p>techniques and real life relevance. <u>Non-fiction:</u> To write an accurate recount of a real life event To plan and write a dairy entry To identify character motivation and link this with personal experiences <u>Fiction:</u> To make predictions and ask relevant questions about a text (<i>The Buried Giant</i> by Kazuo Ishiguro) To use evidence from the text to describe characters, scene and setting To plan and create detailed figurative writing To compose poetry using metaphorical language</p>	<p>relevance. <u>Non-fiction:</u> Journalistic writing focusing on newspaper and news reports. <u>Fiction:</u> The Highwayman poem. Exploring characters and events within the story. Exploring figurative language techniques and understanding their uses.  Poetry - use of imagery and figurative language techniques in different poems and applying to own poetry writing.</p>	<p>understanding of key features, styles, techniques and real life use. <u>Non-fiction:</u> To identify persuasive writing techniques and understand their purpose To plan and create persuasive adverts To identify the language features of argument writing To understand and construct a reasoned argument To develop and practice debating skills <u>Fiction:</u> Narrative poetry - <i>The Highwayman</i>. To write from the perspective of different characters, To use research to write a highway robbery scene. To embed dialogue writing skills inspired by <i>The Buried Giant</i></p>	<p>Follows the structure of term 3 <u>Non-fiction:</u> To describe paintings and short video clips using precise language. Use detailed positional and figurative language to verbally describe a scene. Explanation and instructional writing.  <u>Fiction:</u> Learning will focus on short-story writing. To identify and understand short story writing techniques. To understand why people tell stories To know how to plan and choose an appropriate plan - flowchart, timeline, story boards, story map To use concise language to tell a short story inspired by short video clips. To plan and write a short story inspired by Pie Corbetts' <i>Kidnapped</i> To edit and improve writing</p>	<p>biography To write an accurate and clearly structured explanation text. Use detailed imperative vocabulary and instructional language to explain a method or action To embed the skill of using detailed positional language using images of Kent <u>Fiction:</u> To know an important British writer To appreciate write poetry inspired by <i>From a railway carriage</i> by Robert Louis Stevenson</p>	<p>Tourist guides/brochures encouraging people to visit Britain <u>Fiction:</u> To identify features of a play script in readiness for writing play script To plan and draft a scene set for <i>An Inspector Calls</i> To understand the importance of stage directions and improve stage directions <i>An Inspector Calls</i> To correctly lay out play script dialogue To plan and draft a scene from <i>An Inspector Calls</i> Production <i>An Inspector Calls</i> To analyse the characters from <i>An Inspector Calls</i> in order to draw inferences about motivation, personality and thoughts</p>
<p><b>Maths:</b></p>	<p>Use and understanding of mathematical vocabulary To understand and calculate using knowledge of place value To round numbers with up to 7 digits correctly Written methods for all four operations Real life word problems involving all four operations Journaling</p>	<p>Fractions Decimals 2D and 3D Shape Statistics Embedded calculation work Journaling Reasoning and problem solving skills Arithmetic skills</p>	<p>Use and understanding of mathematical vocabulary Reflection, rotation and symmetry Percentages: To find percentages of amounts and calculate percentage increase and decrease To understand and use the relationship between fractions, decimals and percentages</p>	<p>Use and understanding of mathematical vocabulary Reasoning and problem solving skills Arithmetic skills SATS questions practice To know the formula for calculating area and perimeter of rectangles, parallelograms and triangles. To find areas and perimeters of compound</p>	<p>Use and understanding of mathematical vocabulary Reasoning and problem solving skills Arithmetic skills SATS questions practice involving time duration, differences and conversion To embed time reading ability, read real life timetables correctly and know how to calculate time</p>	<p>Use and understanding of mathematical vocabulary Reasoning and problem solving skills Arithmetic skills Solving decimal problems. To recap and embed problem solving skills, know the value of each digit and show clear calculations To identify the relationship between decimal and</p>

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	Reasoning and problem solving skills Arithmetic skills Roman Numerals		Decimals : To read, write and identify the value of each digit in numbers with up to 3 decimal places To multiply and divide decimals with up to 3 decimal places by whole numbers and decimal numbers Embedded reasoning and problem solving skills Ongoing arithmetic skills and calculation work, using a knowledge of place value Journaling	shapes by splitting into known shapes. To calculate and solve area and perimeter problems To convert between different units of measurement for length, weight and capacity.	differences To understand and use ratio and proportion To solve problems involving mean, mode and median	fractions. To solve percentage problems using knowledge of decimal and fraction families An introduction to algebra Algebra - understanding, calculating and creating algebraic expressions.
<b>Science:</b>	Light it up! Discuss and define terms associated with light To generate ideas about light To work scientifically and investigate the effects of red and green filters on light To understand how the human eye sees objects and colour To investigate mirror reflections To investigate shadow size	Animals including humans: The functions of the heart Components of the blood and its functions Investigations into pulse rate and different types of exercise The role of water in the body	Properties of materials: To identify properties of materials and sort using Venn diagrams To investigate insulation properties - keeping a hot drink hot! To understand the conduction of heat through materials and apply this to the real world	Properties of materials: To investigate factors affecting sugar/jelly dissolving To separate mixtures To recognise reversible and irreversible changes	Forces: Balanced and unbalanced forces Investigating air resistance  Snappy Science - review and revision of KS2 topics.	Forces: Designing an effective parachute and vehicle to protect an egg in a fall Investigating changes in friction on different surfaces and its everyday uses Upthrust and designing effective boats
<b>Religious Education:</b>	The Bible To how God's story of salvation is told through the Bible To develop and use a wide religious vocabulary To discuss and understand values and commitments To consider the challenges of belonging to Christianity To understand how Christian beliefs and experiences	Church and the Community  Impact of the Church in the community. Apostle's Creed Christian belief and commitment and how these are demonstrated To understand the promises made at a baptism Different accounts of the nativity and the reasons for	Sikhism  To understand why Guru Nanak founded Sikhism and explain some of his main teachings Sikh belief that everyone is equal in God's eyes. Equality debate - what evidence of equality and inequality do we see in life and at school. Discuss changes pupils would like to see.	Sikhism  To identify the 5 Ks and understand the meaning behind these symbols Think about symbols to represent important things in our own lives  Christianity What Jesus said of himself I am sayings: I am spiritual	Sikhism  Importance of the Guru Granth Sahib and how it is treated Features of the Gurdwara and their meaning Understanding how Sikhs worship  Christianity Pentecost and understanding symbols linked to the trinity	Christianity - Church Ascension - people we look up to Confirmation Fruits of the spirit - qualities we want to work on Gifts of the spirit The Cathedral and the role of a Bishop

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	impact on peoples lives	this	To understand Sikh values and their impact on daily life e.g. selfless service	food, I am the good shepherd, I am Life, Good Friday and Easter Sunday.		
<b>Computing:</b>	To refresh working knowledge of Word, Power point and Notes To create presentations To use Google Earth to locate sites of Anglo-Saxon settlements	Programming: Flowol 4  To use flowcharts to programme different mimics. Create flowchart to programme pedestrian crossing and bridge traffic lights. Identify problems and debug programming.	Scratch: Creating a programming a 'Shark Attack' game: To programme sprites to move in different ways - some to be player controlled and some random To change sprite costumes so that shark appears to be eating To add variables that score and time a game To change backgrounds to create a winning/losing screen or the next level of the game.	Spreadsheets:  Use of correct terms - row, column and cell. Inputting data and formatting cells Reaction time investigation - using data to create graphs and charts in Excel Writing formula to calculate with spreadsheet data.	Using different computing skills Reaction time investigation - what affects reaction time? Use excel to graph results from investigations. Using online timetables to research journeys and journey times (linked to maths)	Great Britain in different eras. Research different eras using selected websites. What are the key differences between then and now? Find out changes in different areas e.g. homes, schools, jobs, technology, food etc.
<b>History:</b>	Roman Exit from Britain and Anglo-Saxon Invasion: To understand why the Roman's withdrew from Britain To know about Sutton Hoo To investigate Anglo-Saxon Gods and beliefs To know how Anglo-Saxon people dressed To research Alfred the Great		To find out about Vesuvius and Pompeii	To learn about famous volcanoes from the past and present To find out what happened to the lost city of Pompeii To investigate Roman mosaics	To learn about important Great Britons and why individuals are regarded great  To know the history and significance of the Union Flag	To find out about the history of each patron saint and nation flag  To learn about the impact of printing in Great Britain from the 1800's , looking at the work Thomas Bewick  To be familiar with 'The British' by Benjamin Zephaniah To explore the theme of British diversity through poetry  To identify changes for children over the years. Use of school log books to learn about what school was like in Britain in late 1800s

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<p><b>Geography:</b></p>	<p>To know the invasion route of the Anglo-Saxons and other invaders To map and understand the geographical position of Anglo-Saxon settlements</p>		<p>To know the different layers of Earth To know where volcanoes are found and understand <i>The Ring of Fire</i>. To discover what a volcano is and how it is formed To know there are different types of volcano and eruptions</p>	<p>To know the effects of a volcanic eruption on the environment and people</p>	<p>To plot seas, rivers, countries, counties and cities of Great Britain  To research the River Medway, Teise or Beult</p>	<p>and early 1900s.  To name, locate and explore the characteristic of the four nations ad their capital cities  To understand how UK football represents a global society  To complete research in groups on the Beult, Tiese and Medway Rivers  To map the counties of England  To identify key landmarks of Great British e.g. Stonehenge, Giant's causeway, Angel of the North, Tower Bridge etc..</p>
<p><b>Art:</b></p>	<p>Texture and pattern - Create an item Anglo-Saxon clothing using appropriate material to create a class collage</p>		<p>To know who Andy Warhol was and understand his influence upon art. To design and create an image of Vesuvius inspired by Andy Warhol's painting - <i>Vesuvius</i> Warhol style self -portraits using oil pastels</p>	<p>To practice fine motor skills To design and create mosaics that use stick painting techniques</p>	<p>To know about Kent artist and photographer Ian Hufton  To describe a Hufton landscape photograph in detail  To learn how to take landscape photographs</p>	<p>To find out about Irish-British artist Michael Craig-Martin  To decide which word sums up Great Britain and create a first draft print work inspired by Michael Craig-Martin Use the first draft print work to paint a finished version for display. To practice observation skills and sketching using a range of natural objects  To practice sustained drawing skills by creating a detailed drawing from one of the previous weeks</p>

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						sketches  End of year production set and prop design
<b>Design Technology:</b>	To design and make an Anglo-Saxon sword To build an Anglo-Saxon dwelling (Half-term homework)		To design and justify a volcano cake To bake a volcano cake based on the design specifications	Bake a volcano cake based on the design specifications	To design, make and compile a photographic album	End of year production set and prop design
<b>Physical Education:</b>	Dance and Gymnastics	Basketball: passing and dribbling Shooting techniques Offensive and defensive tactics in game situations Basketball tournament	Gymnastics: To create routines using varied balances including symmetrical and asymmetrical body shapes Dance: Mission Impossible	Hockey  Dance for performance in Easter Service	Kwik cricket  Athletics	Rounders Tennis skills  Dances for school play
<b>Personal, Social &amp; Health Education:</b>	Peer Mediation British Values and School Values Good to be me !		Internet safety and cyber bullying including visit from PCSO To consider and reflect upon real-life on-line situations To create a poster to advise Key stage 2 children how to stay safe on-line	Portrait of a life - a person-centred approach, providing the knowledge and understanding of a life story to build confidence and communicate effectively Identify and understand conflict resolution techniques Identify strategies to form positive working and social relationships	Changes and Relationships To know why personal hygiene is important Celebrating our similarities and differences to achieve peace	What makes Britain great? Children decide upon a word that sums up Great Britain - defend their choice and convince others it is the ideal word.  To learn about the role of a magistrate within a court and the type of cases they preside over. To know the point at which certain actions become an offence, such as aggression and cyber-bullying, and the age at which someone can be arrested.  Transition to year 6 and 7 : inform children about travel, homework, responsibility, who to turn to for advice and information  Changes and Relationships

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<b>Music:</b>	Music Time Harvest Festival Performance	Music Time Composition: Using instruments to retell verses of the Nordic myth 'Imir the Frost Giant'	Music Time	Music Time	Music Time Show songs	Show songs
<b>Modern Foreign Language:</b>	Share and discuss Spanish knowledge Discovery will learn classroom rules and class vocabulary. Learn where Spanish is spoken Recap greetings and introductions		To name family members and create a family tree To understand how to describe myself and another person To know how to express likes and dislikes	Recap Embed ability to express likes and dislikes Know the names for favourite pastimes	To describe myself using ser and tener. Embed ability to express likes and dislikes Increase food word banks	To describe myself and someone else using ser and <i>tener</i> Discuss my likes and dislikes using <i>gustar and encantar</i> . Bi-lingual Dictionary skills Los pasatiempos : how I like to spend my free time. Food - to learn new language associated with food and eating Summer holiday vocabulary and phrases

Please note: Guided reading sessions, spellings and mental maths tasks take place throughout the year. Speaking and listening sessions occur in range of contexts across the curriculum.