

**YEAR 5 CURRICULUM MAP 2017/18**

Term/Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<p align="center"><b>English</b></p>	<p><b>Film Narrative –</b></p> <p>Studying film in depth using a variety of the <b>Literacy Shed’s</b> narrative films.</p> <p>Looking at the effect of different camera angles, sounds and lighting on a moving image.</p> <p>Exploring the character’s perspectives using a range of drama based activities. Discussing what key characters could be thinking/saying.</p> <p>Using our knowledge of the different narrative films to write in depth descriptions, using the various skills practiced.</p>	<p><b>Kensuke’s Kingdom</b> by Michael Morpurgo</p> <p>Children will be taught how to effectively analyse a text, making inferences about the storyline and commenting on specific stylistic choices made by the author. They will aim to use these stylistic choices within their own creative writing.</p> <p align="center"><b>Debating</b></p> <p>Children will be taught debating and presenting skills through philosophical challenges and discussions.</p> <p align="center"><b>Non Chronological Reports</b> on the World’s rainforests and some of the major issues facing these biomes.</p>	<p><b>Children’s authors</b></p> <p>J.K Rowling <b>Harry Potter</b> (Trip to Harry Potter Studios)</p> <p>Analyse the effect, content and characters created by J.K Rowling. Discuss the author’s stylistic techniques, sharing opinions of how these texts could be improved. Compare the author’s written style with a variety of other well-known children’s authors.</p> <p align="center"><b>Instructions</b></p> <p>Looking at features of different instructions – what is helpful and what is unhelpful. Improving a set of poorly written instructions.– link to science: how to keep fit and eat healthily.</p>	<p><b>War of the Worlds</b></p> <p>A combination of drama, role play and creative writing. Children will analyse and infer details from different sources of information, create characters based on the storyline and produce their own ‘first-hand’ written account of the story.</p> <p align="center"><b>Journalistic writing</b> – Looking at different newspaper reports, analysing text structure and highlighting main features.</p> <p>Commenting on different styles of report.</p>	<p><b>Persuasive Writing</b></p> <p>Children will study the conventions of letter writing and how to best use persuasive language within their work in order to convince someone of a viewpoint or idea.</p> <p>This unit links to our ICC topic, where we will be investigating advertising and persuasive selling techniques of different marketable products.</p> <p align="center"><b>Explanation Texts</b></p> <p>Children will learn to effectively communicate the purpose and function of their product for the ICC project.</p> <p align="center"><b>Script Writing</b></p> <p>Children will create scripts for their final product presentation in the Dragon’s Den.</p>	<p align="center"><b>Dramatic Conventions</b></p> <p align="center"><b>Midsummer Night’s Dream</b></p> <p>Children will analyse and interpret the story of a Midsummer Night’s Dream. Children will have access to the story in a variety of forms and discuss how the story may vary with each different interpretation.</p> <p>Children will look at examples and features associated with play scripts. Look at stage directions – why and how they are used. Children will experiment with script features and write scripts within groups thinking about skills learned – stage directions, special effects and description.</p> <p align="center"><b>Poetic Style</b></p> <p>In this unit children have the opportunity to hear, read and respond to a range of poems from two contrasting writers. They write and perform their own free verse poems, inspired by those they have read and by adapting and borrowing elements they begin to develop a style of their own.</p>

<p><b>Grammar</b></p>	<p>Speech punctuation</p> <p>How the author shows not tells</p> <p>Character profiles and descriptive language use of adjectives</p> <p>Use of paragraphs</p> <p>Use modal verbs to indicate degrees of possibility</p>	<p>Sentences structure – complex sentences</p> <p>Brackets, dashes or commas to indicate parenthesis</p> <p>Use dialogue, recognise differences between spoken and written speech (contractions)</p> <p>ISPACED to help with starting sentences in a variety of ways.</p>	<p>Use commas to clarify meaning or avoid ambiguity</p> <p>Recognise the difference between direct and indirect speech and relate to differences between informal and formal speech structures</p> <p>Passive verbs</p> <p>Relative clauses</p>	<p>Use of apostrophes</p> <p>Personal Pronouns</p> <p>Verbs – 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> person.</p> <p>Use of hyphens to avoid ambiguity</p> <p>Use of colon to indicate a list</p>	<p>Use a range of adjectives and adverbial phrases, adverbs, adverbials and prepositional phrases to add description and elaboration to writing.</p> <p>Use of expanded noun phrases to convey complicated information concisely</p> <p>Perfect verbs</p>	<p>Use of brackets and colons in scripts</p> <p>Adverbs</p> <p>Recognising vocabulary structures that are appropriate for formal speech and writing – use of the subjunctive tense</p>
<p><b>Spellings</b></p>	<p>Words containing a silent ‘b’</p> <p>Words containing -ible</p>	<p>Words containing -able</p> <p>Words containing a silent ‘t’</p>	<p>-ibly/-ably word endings</p> <p>Words containing -ent</p>	<p>Words containing -ent</p> <p>Words containing -ei</p>	<p>Words containing -ant/-ance</p> <p>Words containing -ious</p>	<p>Words containing -ious</p> <p>Words containing -cial and -tial</p>
<p><b>Maths</b></p>	<p><b>Number, Addition and Subtraction, Multiplication and Division:</b> Place value – reading and writing numbers to 8 digits, Ordering numbers and rounding to the nearest 10,100 and 1000, Using place value to add and subtract All four operations: Addition, Subtraction, Multiplication and Division – Formal and informal strategies. Multiplying and dividing by 10,100 and 1000. Negative numbers</p> <p><b>Geometry position and direction:</b> direction, coordinates, measuring and drawing angles. Using and applying investigations using activities such as those on the nrich website.</p>		<p><b>Number:</b> Decimals - ordering and adding and subtracting decimals, multiplying and dividing decimals by 10,100 and 1000 Solve problems involving decimals,, including metric measures.</p> <p><b>Properties of Shapes:</b> 2D shapes: reflection, patterns with 2 lines of symmetry, lines of symmetry, solving problems involving mass and capacity, converting between different units of measure, area and perimeter of polygons</p> <p><b>Statistics:</b> Interpreting Graphs Using and applying investigations using activities such as those on the nrich website</p>		<p><b>Number Fractions, Addition and Subtraction, Multiplication and Division:</b> Finding equivalent fractions, simplifying fractions, percentages of amounts, decimals and percentages, Ratio and proportion; Solving problems using a range of strategies using addition, subtraction, multiplication and division</p> <p><b>Properties of Shapes:</b> Parallel and perpendicular lines, recognise, classify and draw different triangles, classify 2D shape and 3D shapes, solve problems involving time</p> <p><b>Statistics:</b> Finding the range, mode, median and mean, Investigating probability Using and applying investigations sing activities such as those on the nrich website.</p>	
<p><i>Maths across the curriculum</i></p>	<p><i>Co-ordinates and mapping. Weather - data handling using statistics. Links to America topic.</i></p>	<p><i>Statistics work linked to habitat loss and species decline. Graph work based upon climate change data and greenhouse gas emissions</i></p>	<p><i>Capacity making potions – link to JK Rowling/Harry Potter Food Miles – link to environment</i></p>	<p><i>Ancient Greek Mathematicians How have Euclid and Pythagoras impacted on modern maths?</i></p>	<p><i>Money/currency Percentages Inflation rates DT –moving vehicles measuring, 3D shapes from 2D nets</i></p>	<p><i>Units of time Days months problem solving length of time – link to Mayans Calendar</i></p>

<p><b>ICC</b> (History, Geography, Art, Design Technology, ICT)</p>	<p><b>What's so special about the USA?</b></p> <p>Using a variety of different maps and atlases as a basis for the unit, children will discover information about specific locations in the USA. They will explore different geographical features of each place such as land-use, topography, weather/climate and tectonic/volcanic activity.</p> <p>Children will learn about the discovery of America and what the early explorers found.</p> <p>Pop Art – creating own images based on Warhol and Liechtenstein's work</p>	<p><b>Remarkable Rainforests!</b></p> <p>Children will learn about and explore these diverse and wonderful regions to establish just how important they are on a local, regional, national and global scale. Mapping skills will continue to be developed with children locating and naming important geographical features.</p> <p>Flora and Fauna – the biodiversity of the rainforest will be explored as well as some of the specific habitats and biomes that are needed by some rainforest creatures.</p> <p>Deforestation, Palm Oil, Slash and Burn Farming, Eco-tourism and renewable energy are just some of the learning points that will leave children feeling passionate about this topic.</p>	<p><b>It's all Greek to me!</b></p> <p>Children will learn in detail about this remarkable ancient civilisation and explore the influence they had on the western world.</p> <p>Children will explore ancient Greek artefacts and what they tell us about their civilisation. They will have to interpret both primary and secondary sources of evidence to improve their understanding of Ancient Greek life. Children will learn about the geography and demographics of Greece at the time, particularly the different city states and how they interacted with one another. We will also look at Greek religion/gods and find similarities and differences with modern religions.</p>	<p><b>Space, the Final Frontier.</b></p> <p>Children will explore the depths of our solar system, learning about the links between our Earth, Sun and Moon. In addition to this they will learn about famous and influential astronomers throughout history and how their ideas impacted on what we know today.</p> <p>Children will learn how day and night are created as well as the changing of the seasons in both the northern and southern hemisphere. Natural phenomena such as lunar and solar eclipses will also be explored.</p> <p>The history of space exploration will also be investigated. Did man really land on the moon?</p> <p>Children will also get to explore the stars further with a trip inside the Planetarium.</p>	<p><b>You're Hired! Enterprise Project</b></p> <p>Children will learn about the world of business and economics from first hand experiences.</p> <p>Working in small teams, children will have to design, create, market and sell a product of their own invention. They will explore a range of information to inform their designs and by looking at different case studies they will be able to choose the best sales techniques and marketing strategies for their products. All of this has to be done however within the strict financial and time constraints of the Avenues Bank (known for their strict, no-nonsense approach to business!)</p> <p>Link to English – Persuasive Techniques.</p>	<p><b>Mysterious Mayans</b></p> <p><b>Who were the Mayans and what have we learnt from them?</b></p> <p>Children will explore the chronology of the Mayans on a timeline, identifying other historical events to put a perspective on when and for how long this civilisation existed.</p> <p>We will learn and explore many aspects of the Ancient Mayans, including food and farming, warfare, religion and social structure.</p> <p>As part of this unit, children will conduct some research in groups which will culminate in a Mayan Museum at the end of term.</p>
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<p><i>Cross curricular writing opportunities</i></p>	<p><i>Diary entry as if on board a ship</i>  <i>Christopher Columbus discovery of America</i></p>	<p><i>Creative writing - link to literacy using vivid vocabulary</i></p> <p><i>Poetry – using similes and metaphors as a means of description.</i></p>	<p><i>Recipes for Greek Feast</i></p> <p><i>Writing our own plays or stories based on Greek Myths and Legends</i></p> <p><i>Recount – written conversation of eyewitness accounts</i></p>	<p><i>Balanced Arguments/Report Writing – Was the moon landing just a hoax? Children will weigh up the evidence both for and against this question.</i></p>	<p><i>Persuasive writing – leaflet on why public should invest in our products – posters etc.</i>  <i>USP</i></p>	<p><i>Non Chronological Report on Ancient Mayans</i></p>
<p><b>SCIENCE</b></p>	<p><b>Properties of Materials.</b></p> <p>Children will conduct a range of scientific investigations to test the properties of different materials. They will explore concepts of durability and friction as well as changes of state and reversible/irreversible changes.</p> <p>Children will learn new vocabulary and terminology to ensure that their investigations are as scientifically accurate as possible.</p>	<p><b>Forces</b></p> <p>Children will take part in a number of practical investigations whereby they will be able to identify a range of different forces.</p> <p>Children will learn to represent their findings by using force diagrams.</p> <p>Concepts of upthrust, gravity and air resistance will form the basis of our investigations.</p>	<p><b>Ancient Greek Scientists and their discoveries.</b></p> <p>Children will conduct a variety of experiments to test the ideas and thoughts of a variety of Ancient Greek scientists.</p> <p>Euclid – Light travels in straight lines or rays.</p> <p>Archimedes – Explored the usefulness of the lever and pulley.</p>	<p><b>Space</b></p> <p>Children will explore the phases of the moon and how the tides are influenced by the moons gravitational pull as it rotates around the earth.</p> <p>They will also explore how solar events such as flares and black spots can impact upon the global climate and weather.</p>	<p><b>Adaptations – Life Cycles Animals</b></p> <p>Children will learn that living things need to reproduce if the species is to survive. They will recognise stages in the growth and development of humans.</p> <p>Anti-smoking  Drugs education  Sex and Relationships  Education</p>	<p><b>Adaptation – Life Cycles Plants</b></p> <p>Key learning points: Name and explain the functions of some parts of a flower; describe the processes of pollination, fertilisation, seed dispersal and germination;</p>
<p><b>ICT</b></p>	<p><b>Using the internet</b></p> <p>Cyber safety – Search engines, social media and email.  Focussed research - how to skim and scan texts.</p> <p>How to create and effective PowerPoint presentation.</p>	<p><b>Coding</b></p> <p>Children will use Scratch and learn how to code in order to create their own animation.</p>	<p><b>.Coding</b></p> <p>Children will use Microsoft’s Kodu as a tool to create, design and code their on control based game.</p>	<p><b>Control &amp; Modelling</b></p> <p>Lego WeDo  Using programming skills to make physical models move.</p>	<p><b>Spreadsheets</b></p> <p><b>Learning how to use Excel</b></p> <p><b>Databases</b>  Using databases to organise and search for information.</p>	<p><b>iPads</b></p> <p>Children will use Imovie to create their own Mayan inspired film or film trailer.</p> <p>These will be watched and evaluated towards the end of the unit.</p>

<b>RE</b>	What difference does reading the Bible make to Christians?	What difference does reading the Qur'an make to Muslims?	What can the Sagrada Familia tell us about the Life of Jesus?	How special is the relationship Jews have with God?	Islam: Why does having a faith make a difference to Muslims?  Special Places The Hajj	Humanism: Explore ideas of humanism and discover similarities and differences to major world religions.
<b>PSHE</b>	<b>PATHS</b> Getting Started	<b>PATHS</b> Problem Solving Say No to Bullying	<b>PATHS</b> Goals and Identity	<b>PATHS</b> Making and Keeping Friends	<b>PATHS</b> Being Responsible and Caring for Others	<b>SRE</b> Changes

As part of French this year, children will be exploring the following topics: Holidays, Eating Out, Hobbies, School Trips, Seasons and the Environment. They will take part in a combination of spoken and written activities to help embed new language and grammar. Children will also continue to recap vocabulary that they have learnt in Years 3 and 4 such as numbers, greetings, months and birthdays.

#### Physical Education

In Games the children will participate in a half term of the following: Invasion games, Hockey and Rugby. In the summer term they will all participate in Athletics and Summer Games.

In other PE lessons this year the children will be covering gymnastics, dance, swimming and outdoor and adventurous activities.

#### Cooking

Children will continue to build on the excellent cooking that they have done in Years 3 and 4. They will learn about healthy eating and the importance of a balanced diet. Furthermore, good food hygiene practices will also be reinforced. Children will learn to cook a variety of mainly savoury foods with the hope that they feel inspired to cook and bake at home. Soup, flatbreads, sausage rolls, fajitas are all on the menu this year!