

Year 5 Curriculum Overview – Autumn Term



English	Where possible, our focus texts and writing opportunities will be linked to cross-curricular topics. <u>Reading:</u> We will be reading a range of fiction and non-fiction texts linked to our topics this term. Pupils will read daily using our Accelerated Reader program. <u>Writing:</u> Where possible, the writing we do will be linked to either the class novel or the cross-curricular topic. <u>Fiction:</u> Setting description, character description, narrative where dialogue is the focus. <u>Non-Fiction:</u> Explanation text - an informative guide. Persuasion – persuasive speech. <u>Grammar and Punctuation</u> • Revision of Y3/4 GPS objectives • Punctuating direct speech when spoken words are split by non-spoken words • Introducing indirect speech and comparing it to direct speech • Using fronted adverbials and [words and phrases] to add detail for effect. • Using fronted adverbials [subordinate clauses] beginning with a range of conjunctions • Identifying pronouns by their function; introducing different types of pronouns.	Mathematics
	Maths lessons this term will cover the following objectives: <u>Place Value:</u> - Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit - Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000 - Read Roman numerals to 1,000 (M) and recognise years written in Roman numerals <u>Addition & Subtraction:</u> - Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) - Add and subtract numbers mentally with increasingly large numbers <u>Measurement:</u> - Convert between different units of metric measure [for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre] - Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints - Solve problems involving converting between units of time <u>Geometry:</u> - Identify 3-D shapes, including cubes and other cuboids, from 2-D representations <u>Multiplication & Division:</u> - Identify multiples and factors, including finding all factor pairs of a number, and common factors of 2 numbers - Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers	

	• Spell correctly most words from the Y3/4 word list and some from the Y5/6 word list taught so far • Apply spelling rules taught so far mostly accurately • Begin to use prefixes and suffixes appropriately Spellings • Words ending in ‘-tious’ and ‘-ious’ • Words ending in ‘-cious’ • Words ending in ‘-cial’ • Words ending in ‘-tial’ • Words ending in ‘-ant’ • Words ending in ‘-ance’ and ‘-ancy’ • Words ending in ‘-ent’ and ‘-ence’ • Words ending in ‘-able’ and ‘-ible’ • Words ending in ‘-ably’ and ‘-ibly’ • Common exception words		- Establish whether a number up to 100 is prime and recall prime numbers up to 19 - Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method - Multiply and divide numbers mentally, drawing upon known facts - Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context - Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000 Fractions: - Compare and order fractions whose denominators are all multiples of the same number - Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths - Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number [e.g. $1\frac{2}{5}$] $+\frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$ Statistics: - Revision of tally charts, pictograms and bar charts
Computing	Computer systems and networks Sharing Information. Pupils will develop their understanding of computer systems and how information is transferred between systems and devices. Creating media Video Editing. Pupils will learn how to create short videos. They will be exposed to topic-based language and develop the skills of capturing, editing, and manipulating video.	History	Anglo Saxon and Viking Britain Within this topic, the children will learn about the arrival of the Anglo Saxons and what it was like to live in an Anglo-Saxon settlement. They will complete case studies of the monks of Lindisfarne and the Priory and study the arrival of the Vikings. A workshop opportunity will provide further understanding of Anglo Saxon monks.
French	Pupils will consolidate their previous learning (greetings, family members, physical and character description) then focus on the topics of weather and clothing.	PSHE	Created and loved by God Pupils will develop an understanding of the importance of valuing themselves as the basis for personal relationships.

Science	<u>Animals including humans</u> Pupils will identify and describe the stages of human development. They will indicate stages of growth and development of humans on a timeline and learn about some of the changes experienced in puberty. Pupils will report and present findings on relationships between gestation periods and life expectancies of animals. <u>Earth and Space</u> Pupils will be able to name the planets in our solar system. They will describe the movement of the Earth around the sun and the Earth's rotation to explain day and night. Pupils will be able to describe the movement of the moon around the earth and that of other planets in the solar system around the sun. They will understand what a meteor is and name other objects in space, e.g. comets, satellites etc. Pupils will know the impact the 'Space race' has had on our understanding of our universe.	<u>Ourselves</u> - Created in the image and likeness of God. Pupils will know and understand: • A deepening awareness of 'Who I am' • Ourselves as made in the image and likeness of God <u>Life Choices</u> - Marriage, commitment and service. Pupils will know and understand: • Showing care and commitment • The call to life and love within the community; marriage <u>Hope</u> - Advent: waiting in the joyful hope for Jesus, the promised one. Pupils will know and understand: • Waiting hopefully • Advent is the Church's season of waiting in joyful hope for the coming of Jesus, the promised One, at Christmas and at the end of time <u>Other Faiths – Judaism: Passover</u> Pupils will know and understand: • The celebration of Pesach • The symbolism of the Seder plate
Music	<u>Syncopation</u> Pupils will explore the concept of syncopation during this unit exploring this through the following key themes: Pulse, rhythm, melody, listening and appraising, performing, singing and composition. These lessons will be led by Tardis Education. Pupils will also take part in singing lessons with Mr Richardson.	<u>Invasion games</u> Basketball - Pupils will recap and refine their dribbling and passing, creating attacking opportunities. They will develop their marking, shooting, defending and attacking skills. Pupils will receive a visit from Newcastle Eagles players as part of the Hoops 4 Health programme. <u>Running</u> Pupils will explore running for speed, for distance and in teams. <u>Gymnastics</u> Pupils will explore counter balance and apply their learning using apparatus. They will form sequences using counter balance and counter tension.

Art	Art Drawing unit: self-portraits. Pupils will develop their control, tone, shading and observational skills, concentrating on facial proportions. They will consider the work of Boris Schmitz and Andy Warhol.	Design Technology	DT Cooking and nutrition unit: Bread. Pupils will develop their growing knowledge of food groups and dietary staples. They will explore functional ingredients, considering how the addition of different ingredients impacts the presentation, taste and texture of foods and how recipes can be adapted to suit different user needs.
Geography	Settle Down Pupils will identify different types of settlements, commenting on the physical and human features of each. They will be able to compare how settlements looked in the past with how they look in the present day. They will investigate land-use patterns and understand how and why some of these aspects have changed over time, comparing local settlements with another part of the world. Fieldwork opportunities will be used to gain a deeper understanding of our local area.	Events	• Monday 15th – Thursday 18th September: Bikeability • Friday 19th September: M&M productions in school (Alice in Wonderland) • Thursday 25th September: That History Bloke workshop in school • Friday 26th September: Fly nasal spray • Wednesday 1st October: First Aid workshops in school • Monday 13th – Wednesday 15th October: Y5/6 Robin Wood residential trip (spaces offered to Y5 after Y6) • Thursday 16th October: Mass of Thanksgiving (TBC) • Monday 20th October: Hoops 4 Health Roadshow in school • Monday 20th October: Assessment week • Friday 24th October: Break up for half term
Key information	Ideally the children will read at least 1 book each week this term and complete the accompanying quiz. To ensure our class library has a good selection for the children to choose from, please ensure books are returned to school after they have been read. Please encourage children to learn and revise spellings, times tables and mental arithmetic for their weekly tests. Please check the children have everything they need for school i.e. P.E. kit, water bottles, and that they complete their homework on time. PE kit is needed on a Wednesday and a Friday; mental maths and spelling tests are every Friday and homework will be set on a Friday to be completed by the following Friday please. Thank you, Mrs Usher		