



LITERACY

English

Pupils will begin the new year by looking at kennings and using them to create their own kenning poems. After that, we will move on to studying the classic poem 'The Highwaymen' by Alfred Noyes. Pupils will use the poem as inspiration to write non-chronological reports, writing in role, changing poetry to prose, newspaper report, as well as looking how figurative language has been used in the poem.

Spelling, punctuation and grammar

Spellings

Spellings are taught in line with the National Curriculum statutory requirements. Pupils will be given a copy of the spellings for each full half term. A copy of these will be posted in your child's Google Classroom.

Punctuation and Grammar

Punctuation and grammar objectives will be covered and revisited over the course of the year. Objectives to be covered in year 5 are: converting nouns or adjectives into verbs using suffixes; using relative clauses; showing degrees of possibility using adverbs or modal verbs; using words and phrases to build cohesion within a paragraph; linking ideas across paragraphs using adverbials of time, place, and number; using brackets, dashes, or commas to indicate parenthesis; and using commas to clarify meaning

MATHEMATICS

Multiplication and Division

Pupils will begin by learning to multiply a 4-digit number by a 1-digit number, gradually working towards multiplying 4-digit numbers by 2-digit numbers. They will move on to written methods for division, including short division. Pupils will then use these skills to solve multiplication and division problems.

Fractions

Pupils will learn to multiply fractions and mixed numbers by a whole number. They will move on to working out fractions of a quantity or amount, before finally using fractions as operators.

Decimals and Percentages

Pupils will begin to recognise and use decimal numbers to two decimal places and find equivalence between fractions and decimals. They will then learn to order and compare decimals with up to three decimal places as well as being able to round decimal numbers. Finally, they will look at the relationship between percentages, fractions and decimals.

Perimeter and Area

This unit begins looking at the perimeters of rectangles, rectilinear shapes and other polygons. Pupils will then work out the areas of rectangles and compound shapes, before learning to estimate the areas of irregular shapes.

Statistics

In statistics, pupils will learn to draw, read and interpret line graphs, and to read and interpret tables, two-way tables and timetables.

SCIENCE	<u>Earth and Space</u> Pupils will learn: • that the Sun is a star at the centre of our solar system • that the Sun, Earth and Moon are approximately spherical bodies • the names, order and relative positions of the planets and other main celestial bodies • that a moon is a celestial body that orbits a planet and give examples of moons that orbit other planets • that the Earth and other planets orbit around the Sun • that the tilt of the Earth and its orbit around the Sun causes the seasons • that the Moon orbits around the Earth • how the Earth's rotation causes day and night and the apparent movement of the Sun across the sky. <u>Life cycles and Reproduction</u> Pupils will learn: • that a life cycle shows the changes an animal or plant goes through until the reproduction of a new generation when the cycle starts again • that all living things must reproduce for the species to survive • that sexual reproduction requires two parents, whereas asexual reproduction only requires one parent • that there are different processes plants and animals use to reproduce (asexual and sexual reproduction).	<u>Selection in Physical Computing</u> In this unit, learners will use physical computing to explore the concept of selection in programming through the use of the Crumble programming environment. Learners will be introduced to a microcontroller (Crumble controller) and learn how to connect and program it to control components (including output devices — LEDs and motors). Learners will be introduced to conditions as a means of controlling the flow of actions in a program. Learners will make use of their knowledge of repetition and conditions when introduced to the concept of selection (through the 'if...then...' structure) and write algorithms and programs that utilise this concept. To conclude the unit, learners will design and make a working model of a fairground carousel that will demonstrate their understanding of how the microcontroller and its components are connected, and how selection can be used to control the operation of the model. Throughout this unit, learners will apply the stages of programming design. <u>Flat-file Databases</u> This unit looks at how a flat-file database can be used to organise data in records. Learners will use tools within a database to order and answer questions about data. They will create graphs and charts from their data to help solve problems. They will also use a real-life database to answer a question, and present their work to others.
GEOGRAPHY	<u>South America</u> Pupils will: • find out about the location and countries of South America • find out about the climate in South America • find out about the major mountain ranges of South America • find out about the human geography of South America • find out about trade and industry in South America • carry out an in-depth study of a South American country • compare an area of South America with the UK.	<u>Anglo-Saxons and Vikings</u> Pupils will try to answer the question – 'Did the Anglo-Saxon and Viking struggle for the kingdom of England lead to anything positive?' Pupils will: • try to work out what the word 'struggle' means and whether other groups of people in history had their own 'struggle' • identify key events in Anglo-Saxon and Viking history • look at the major political and economic struggles • look at the major military and religious struggles • identify what Viking culture was like and whether it affected the struggle with the Anglo-Saxons • identify evidence about the Anglo-Saxon and Viking struggle for the kingdom of England.

MUSIC	<u>Make You Feel My Love</u> All the learning is focused around one song: Make You Feel My Love by Adele. As well as learning to sing, play, improvise and compose with this song, children will listen and appraise other Pop Ballads through an integrated approach to music where games, elements of music (pulse, rhythm, pitch etc), singing and playing instruments are all linked.	<u>P.E.</u> <u>Fitness</u> Pupils will understand: how speed helps me in other activities and apply this. how strength helps me in other activities and apply this. how agility helps me in other activities and apply this. how balance helps me in other activities and apply this. how co-ordination helps me in other activities and apply this. how stamina helps me in other activities and apply this <u>Dance</u> Pupils will: • create a dance using a random structure and perform the actions showing quality and control • understand how changing dynamics changes the appearance of the performance • understand and use relationships and space to change how a performance looks • copy and repeat movements in the style of rock 'n' roll • work with a partner to copy and repeat actions in time with the music • work collaboratively with a group to choreograph a dance in the style of Rock 'n' Roll. <u>Tennis</u> Pupils will learn to: • return the ball using a forehand groundstroke under pressure • return the ball using a backhand groundstroke under pressure • use a variety of shots to keep a continuous rally going • develop the underarm serve and understand the rules of serving • develop the volley and understand when to use it • apply rules, skills and principles to play against an opponent.
ART	<u>Painting and Mixed Media: Portraits</u> In this unit, pupils have opportunities to develop skills in creating interesting portrait drawings using words, experimenting with materials and techniques, and constructing self-portraits that represent aspects of themselves. The unit enhances their understanding and application of art vocabulary and encourages thoughtful decisions in their artwork composition.	
PSHE	<u>Safety and the Changing Body</u> Pupils will: • begin to understand some issues related to online friendships including the impact of actions • learn about staying safe online • understand physical changes during puberty • understand the menstrual cycle • understand emotional changes during puberty • understand how to help someone who is bleeding • begin to understand the influence others have on us and how we can make our own decisions. <u>Citizenship</u> Pupils will: • begin to understand what happens when the law is broken • explore the links between rights and responsibilities • understand how reducing our use of materials and energy will help the environment • explore how we recognise and value the contributions people make to the community • recognise the role of pressure groups • begin to understand how Parliament works.	
RELIGIOUS EDUCATION	<u>What do Christians believe about God?</u> <u>Why is the Last Supper so important to Christians?</u>	<u>Structure: Bridges</u> Pupils will explore how bridge designs and materials affect strength and stability. They will identify the differences between beam, arch and truss bridges. Finally, they will put this knowledge to the test through building a wooden truss bridge themselves.

TERM DATES	Term	Open morning of	Close afternoon of	KEY INFORMATION
	Autumn Term	Tue 02 Sep 2025	Fri 24 Oct 2025	
		Mon 03 Nov 2025	Fri 19 Dec 2025	
	Spring Term	Mon 05 Jan 2026	Fri 20 Feb 2026	
		Mon 02 Mar 2026	Thu 02 Apr 2026	
	Summer Term	Mon 20 Apr 2026	Fri 22 May 2026	
		Mon 01 Jun 2026	Fri 17 Jul 2026	
All dates may be subject to change, please check with the school.				
Homework will be given on Friday to be returned no later than the following Wednesday. Reading books to be returned, signed, by Thursday.				