Year 5 Learning Overview – Spring Term 2026

Science	History	Art	Music	PE	PSHCE
Earth and Space Children describe the movement of the Earth, and other planets, relative to the Sun in the solar system. They describe the movement of the Moon relative to the Earth. They describe the Sun, Earth and Moon as approximately spherical bodies and use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky. **Plant and Animal life cycles** Children describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird. They describe the life process of reproduction in some plants and animals.	**Ancient Greece** Children take part in an in-depth study of life in ancient Greece including looking at the differences between the two main city states, religion, warfare, daily life and main achievements that still influence our lives today including the art of philosophy, democracy, the Olympic games, architecture, theatre and education.	**Still Life** Children use their sketchbooks to sketch still life pictures inspired by each artist covered and use this research to experiment with their own ideas for a still life piece of art. They learn about the following artists: Henri Matisse, Harmen Steenwyck, Pablo Picasso and Georges Barque including main details about their lives, what inspired their artwork and study and compare various pieces from their still life collections.	**Building a Groove** This unit aims to provide some straightforward starting points for composing within a groove music context. Children will develop their rhythmic awareness, listening skills, and compositional skills through a series of practical activities. **Rosewood Gratitude** Rosewood gratitude is inspired by the balafon music of West Africa and features the distinctive 'son' clave rhythm.	**Hockey** **Gymnastics** **Football** **Athletics**	**Responsibility and Inspiration** **Fairtrade** **Laws and Parliament** **Freedom of speech and movement** **Respecting others' boundaries and beliefs**

Computing	DT	French	RE	
Flat-file databases This unit looks at how a flat-file database can be used to organise data in records. Pupils use tools within a database to order and answer questions about data. They create graphs and charts from their data to help solve problems. They use a real-life database to answer a question, and present their work to others. **Programming A:** Selection in Physical Computing 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).	**Greek Food** Children design a healthy Greek meal which includes the correct amounts of each food group from the 'Eat well Plate'. Children try a wide range of dishes as well as ingredients and produce a diagram for each product, evaluating appearance, smell, taste and texture. All children will prepare and cook their own souvlaki.	**Clothes** Clothing vocabulary. First-person conjugation of the regular -ER verb porter (to wear) and a revision of possessive adjectives and adjectival agreement, pupils will be encouraged to make longer and more interesting sentences as they describe what they are wearing and/or packing in a suitcase for a holiday. **At the Tea Room** The children will first learn the nouns and indefinite articles/determiners for typical foods/snacks and drinks in a French salon de thé. The children will learn the structures necessary to perform a short role-play ordering food/snacks and drinks in the salon de thé	**Sacred texts and Religious leaders** Children answer the question 'How do religious leaders and sacred texts contribute to believers' understanding of their faith?' They give examples of how core beliefs can be interpreted in different ways leading to diverse expression and behaviour.	

Maths:	
Number and place value; Decimals, percentages and their equivalence to fractions; Problem solving, reasoning and algebra	Read, write and order numbers with up to 6 digits and understand the place value of each digit; place 6-digit numbers on a number line and find numbers between; solve place-value additions and subtractions with 6-digit numbers; understand place value in decimal numbers as tenths and hundredths; multiply and divide by 10/100/1000 using a place-value grid; understand place value in decimal numbers to 2-decimal places; place decimal numbers on a line; round two-place decimal numbers to nearest tenth and whole number; say the number a tenth or a hundredth more
Mental addition and subtraction; Problem solving, reasoning and algebra; Written addition and subtraction	Rehearse mental addition strategies for decimals and whole numbers; use counting on as a strategy to perform mental addition of 2-place decimals to the next whole number; solve missing number sentences; use mental strategies to solve multi-step word problems; use counting up as a strategy to perform written subtraction (Frog)
Mental multiplication and division; Number and place value; Problem solving, reasoning and algebra	Use rules of divisibility to find if numbers are divisible by 2, 3, 4, 5, 9 and 10; identity prime numbers; revise finding factors of numbers; find squares and square roots of square numbers; finding patterns and making and testing rules; use mental multiplication and division strategies; relate mental division strategies to multiples of ten of the divisor
Problem solving, reasoning and algebra; Geometry: properties of shapes; Measurement; Statistics	Know properties of equilateral, isosceles, scalene and right-angled triangles; find that angles in a triangle have a total of 180°; sort triangles according to their properties; use scales to weigh amounts to the nearest half interval; convert from grams to kilograms and vice versa, from millilitres to litres and vice versa, and from metres to kilometres and vice versa; read scales to the nearest half division; understand that we measure distance in kilometres and miles; use ready reckoning to give approximate values of miles in kilometres and vice versa; draw line conversion graphs
Written addition and subtraction; Problem solving, reasoning and algebra; Measurement	Use a written column method to add amounts of money in pounds and pence; add 2-place decimals using written column addition; subtract decimal numbers using counting up (Frog)
Written multiplication and division	Use a written method (grid) to multiply pairs of 2-digit numbers; use short division to divide 3-digit numbers by 1-digit numbers, including those which leave a remainder
Written multiplication and division; Fractions, ratio and proportion	Find unit fractions and non-unit fractions of 3-digit numbers; use short multiplication to multiply 3-digit numbers by 1-digit numbers; begin to use short multiplication to multiply 4-digit numbers by 1-digit numbers
Geometry: properties of shapes; Problem solving, reasoning and algebra; Measurement	Understand what a polygon is; draw polygons using dotted square and isometric paper; revise terms obtuse, acute and reflex angles, perpendicular and parallel sides; recognise quadrilaterals as polygons and identify their properties; classify quadrilaterals; draw regular polygons and explore their properties; revise metric units of weight, capacity and length; understand that we can measure in imperial units and relate these to their instances in daily life
Fractions, ratio and proportion; Problem solving, reasoning and algebra	Place mixed numbers on lines; count up in fractions using equivalence; convert improper fractions to mixed numbers and vice versa; write improper fractions as mixed numbers and vice versa; multiply proper fractions by whole numbers
Written addition and subtraction; Problem solving, reasoning and algebra	Solve subtraction of 4-digit numbers using written column subtraction (decomposition); add several numbers using written column addition; use column to solve problems

English	
Percy Jackson and the Lightning Thief by Rick Riordan Children complete an in-depth study of Riordan's novel, which links to our Ancient Greek history unit. The text is used to learn and consolidate key comprehension skills and inform different styles of writing including: letter writing, recounts, reviews and newspaper reports. **The Dancing Bear by Michael Morpurgo** This unit allows the children to develop their writing skills further through different genres E.g. non-chronological reports, poems, story writing and information leaflets. Reading skills are also developed through whole class comprehension activities. **The Highwayman by Alfred Noyes** – narrative poetry. Poetic devices, writing own poetry, character study, use of language.	
Additional Information: **P.E days- Tuesday and Friday** **<u>Homework</u>** **Read** daily at home. Reading records need to be signed once a week and handed in every Monday. Children need to complete three reading comments per week in their reading record. **Spellings** – Weekly spellings homework task will be sent home on Thursdays for you to practice/complete at home. You will have a spelling check the following Thursday **Times Tables** - As well as practicing Times tables in school, you should also be practicing them at home regularly. This can be done on Hit the button, writing them out and reciting them orally.	**The vision for our school:** *Inspiring and enabling our school community to live life to the full, promoting excellence and nurturing our school values of* ***Respect***, ***Honesty, Compassion, Resilience, Collaboration*** *John 10 v 10:* *Jesus said: "I have come that they might have life, and have it to the full"*