

Art	Drawing - Children will be taught to use a variety of techniques to draw portraits and still life images, linked with Greek buildings.
Computing	Coding - Using simple algorithms to detect and correct errors in programmes. Internet Safety - Use technology safely, respectfully and responsibly and recognise any acceptable/unacceptable behavior.
D.T.	Textiles – Children will design and create Christmas stockings using various materials.
English	Instructions Read and write instructional texts using appropriate form, features and awareness of intended audience. Poetry Children will read and write poetry incorporating the poetic devices of word play, rhyme and metaphor. Significant children’s authors Children will focus on the popular children’s author Michael Morpurgo. They will explore two of his well-known stories, War Horse and The Nine Lives of Montezuma in their English groups. In addition, they will be given the opportunity to read a section of his novels independently. Children will also read and study a variety of short stories to build on comprehension skills.
Geography	Are We Damaging Our World? In this unit, the children will consider if we are damaging our world and how we can protect it. The children will investigate energy production, the oceans and minerals, as well as conducting an enquiry into how the school can become more sustainable
History	Anglo-Saxons – In this unit, children will explore the invasion of England by the Saxons and learn about how they influenced different aspects of Anglo-Saxon life including writing, religion, art and homes. They will also explore reasons why Vortigern invited Saxons to live on his land, and to think about the significance of this event and discover when Christianity came to Anglo-Saxon England. Children will understand that archaeology cannot tell us everything about Anglo-Saxon times.
Maths	Place Value Children will explain what each digit represents in whole numbers with up to 7 digits, partitioning, rounding and ordering numbers including decimals. Children will be taught to round numbers to the nearest 10,100,1000,10 000, 100 000.Children will be taught to count forwards or backwards in steps of powers of ten for any given number up to 1 000 000. Children will be able to read Roman numerals to 1000 and recognise years written in Roman Numerals Children will be taught to interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero. Addition & Subtraction Children will learn to add and subtract numbers including decimals, using a variety of appropriate methods including formal methods. They will then use these to solve multi step problems.

	<p>Children will round to estimate and approximate to ensure their answers are accurate.</p> <p><u>Multiplication & Division</u> Recall quickly multiplication facts up to 12 x 12 and use them to multiply pairs of multiples. Link division facts with knowledge of multiplication. Children will be taught to recognise and use factor pairs Children will be taught to 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. Establish whether a number up to 100 is prime and recall prime numbers up to 19. They will be able to solve word problems involving money. Children will be taught how to multiply three numbers by changing the order of the operation. Children will be able to multiply and divide numbers using a variety of methods including formal methods. 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 1000. Recognise and use square numbers and cube numbers, and the notation for squared and cubed. Add and subtract fractions with the same denominator. Multiply fractions and mixed numbers by whole numbers.</p>
P.E.	<u>Swimming</u> Children will develop their skills in the water. They will be learning stroke techniques and water safety.
P.S.H.E.	<u>Being me in my world:</u> My year ahead, being me in Britain, Year 5 responsibilities, rewards and consequences, our learning charter and owning our learning charter. <u>Celebrating differences:</u> Different cultures, racism, rumours and name calling, types of bullying, does money matter and celebrating differences across the world.
RE	<u>Ourselves –</u> Children will explore their qualities and talents, and those of people they admire. <u>Life Choices</u> – Children will explore feelings of commitment and responsibility throughout their lives. <u>Hope –</u> Children will explore times of waiting and link this to Advent.
Science	<u>Properties and Changes of Materials</u> Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets. Children will be taught that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution. They will use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating. They will give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic They will demonstrate that dissolving, mixing and changes of state are reversible changes. Children will explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.

	<p><u>Out of this world (Space)</u> Children will be taught to describe the movement of the Earth and other planets relative to the Sun in the Solar System. They will be able to describe the movement of the moon relative to the Earth and describe the Sun, Earth and Moon as approximately spherical bodies. We will also use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky.</p>
Spanish	(Specialist Teacher) Children will be taught Spanish by a fluent native Spanish teacher.