

Art	Drawing - Children will be taught to use a variety of techniques to draw portraits and still life images, linked with Greek buildings.
Computing	Research Children will be using the laptops and ICT to research curriculum topics. They will be taught the skills of data retrieval and organising.
D.T.	Textiles – Children will design and create Christmas stockings using various materials.
English	<p>Instructions - Read and write instructional texts using appropriate form, features and awareness of intended audience.</p> <p>Poetry: Children will read and write poetry incorporating the poetic devices of word play, rhyme and metaphor.</p> <p>Myths: Children will read a variety of Greek myths from a selection of texts. They will identify both themes and features of Myths and will be then able to write their own myths using appropriate form, features and awareness of intended audience</p> <p>Winter Story: Children will read and write stories with a theme of winter.</p> <p>Class novel: Pig Heart Boy & Dracula - children will also read and study a variety of short stories to build on comprehension skills.</p>
Geography	<u>Are We Damaging Our World?</u> 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	<u>The Ancient Greeks:</u> In this unit, the children will know and understand significant aspects of the history of the wider world, including the nature of ancient civilisations, study Ancient Greek life and achievements, and their influence on the Western World, learn about the legacy of Greek culture and the impact of this legacy on later periods in British history, including the present day and understand the methods of historical enquiry, including how evidence is used rigorously to make historical claims.
Maths	<ul style="list-style-type: none"> - 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. - Children will learn to add and subtract numbers including decimals, using a variety of appropriate methods including formal methods - 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

	<p>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.</p> <ul style="list-style-type: none"> - 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. - Recognise and write decimal equivalents of any number of tenths or hundredths or thousandths. - Recognise and write decimal equivalents of a quarter, a half and three quarters. Read round and order decimals with up to 3 places - Order fractions with different denominators. Understand equivalent fractions. Recognise mixed numbers and improper fractions and convert one to the other. Understand % and link to fractions and decimals.
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.	<p><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.</p> <p><u>Celebrating differences:</u> Different cultures, racism, rumours and name calling, types of bullying, does money matter and celebrating differences across the world.</p>
RE	<p><u>Ourselves</u> – Children will explore their qualities and talents, and those of people they admire.</p> <p><u>Life Choices</u> – Children will explore feelings of commitment and responsibility throughout their lives.</p> <p><u>Hope</u> – Children will explore times of waiting and link this to Advent.</p>
Science	<p><u>Properties and Changes of Materials</u></p> <p>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</p> <p>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>

	<p><u>Out of this world (Space)</u></p> <p>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.