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| English | <p><u>War Horse</u> This term, the children will begin reading our class novel, 'War Horse' by Michael Morpurgo; exploring the characters and the setting of the book. Children will then go on to identify features of informal letters and use their previous exploration of characters and setting descriptions to successfully write an informal letter as a soldier in the trenches, during World War One.</p> <p><u>Macbeth</u> The children will be looking at 'A Shakespeare Story – Macbeth' by Andrew Matthews and Tony Ross. They will be using their skills to turn this story into a playscript. They will be including lots of drama and performance skills during this topic.</p> <p><u>Comprehension</u> Children will also read and study a variety texts to build on comprehension skills. The first skill that the children will explore this term is 'retrieval skills,' finding answers effectively from within the text and understanding what the question is looking for based on key words in the question.</p> |
| Maths | <p><u>Place Value</u> 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.</p> <p><u>Addition & Subtraction</u> 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. 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.</p> |

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| Science | <p><u>Animals Including Humans</u> The children will learn the different stages of development from prenatal to old age. Children will then look at and describe the changes humans experience as they develop to old age.</p> <p><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> |
| RE | <p><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.</p> |
| Geography | <p><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, understand key aspects of the distribution of natural resources including energy, minerals and water.</p> |
| History | <p><u>Anglo-Saxons</u> – 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 King 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.</p> |
| Computing | <p><u>Coding</u> – Children will be identifying different types of variables, learn what conditionals are and understand how variables are used in computer programming. Using simple algorithms to detect and correct errors in programs.</p> <p><u>Internet Safety</u> – Children will learn to use technology safely, respectfully and responsibly and recognise any acceptable/unacceptable behavior.</p> |
| P.E. | <p><u>Swimming</u> Children will develop their skills in the water. They will be learning stroke techniques and water safety. <u>Invasion Games</u> Children will learn and apply basic principles of team play including possession, marking, tackling, attacking and defending.</p> |

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| Spanish | (Specialist Teacher) Children will be taught Spanish by a fluent native Spanish teacher. |
| Art | Painting- The children will focus on landscape work, using a wash background combined with pointillism, in the style of Paul Signac. |
| D.T. | Textiles – Children will research, design and create Christmas stockings using various materials and sewing skills. |
| P.S.H.E. | <p><u>Families and friendships –</u> Children will be identifying what makes a healthy friendship and understand peer influence and how to manage this effectively. The children will go on to explore different strategies they could use to solve disputes and understand that friendships change over time. After this, the children will learn to recognise if a friendship is making them feel unsafe and what they can do if this is to happen.</p> <p><u>Safe Relationships –</u> Children will be identifying appropriate and inappropriate touch, and how to ask for and give permission for appropriate physical touch.</p> <p><u>Respecting Ourselves and Others –</u> Children will be identifying and recognising that everyone should be treated equally and why it is important to listen and respond respectfully to others. We will be celebrating our differences. Children will identify what discrimination is and different forms of discrimination; looking at the impact of these on individuals.</p> |