

Year 6 - Autumn 1 - Overview

Maths Arithmetic skills • Times tables recall • Deeper and faster times tables • Rapid multiplication of any double digit number by any single digit number • Rapid multiplication of decimal numbers • Rapid doubling of any number up to 100 • Addition and subtraction using near to 10 and adjust • Addition and subtraction using transfer and known number bonds Place Value • Read, write, order and compare numbers up to 10,000,000 • Rounding numbers • Use negative numbers in context e.g. temperature • Addition , subtraction, multiplication, division skills to improve repertoire of techniques • Multiply and divide larger numbers • BIDMAS • Fractions – using equivalence Problem Solving • Represent any problem as a calculation using BIDMAS (and algebra) as appropriate • Represent using graphical form – Bar Model / diagram / cross-hairs	English Grammar: • Prepositional phrases as adjectives and adverbials • Different types of verbs • Subordinate and coordinating conjunctions • Accurate use of commas, semi-colons and colons Spellings • Tricky words – techniques for learning quirky words • ‘able’ or ‘ible’ • ‘fer’ or ‘ferr’ when adding an ending • Yr 5/6 words from the statutory list • Proof Reading skills to identify and correct errors Reading • (Where relevant improve reading fluency) • Deeper development of inference skills • Analyse and compare different author’s styles Composition: • Expansion of sentences to add detail and clarification. Use structures such as because, but, which as a scaffold of expansion • Expand an idea into extended, linked paragraphs • Skills engage the reader • Using structures for effect e.g. rhythm, controlled repetition • Depersonalise for formality	Science The Human Body • Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood • Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function • Describe the ways in which nutrients and water are transported within animals, including humans.
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ICT • Creation of e-books for a younger audience • Experiment with Brushes APP to create and alter images • Create a book that draws the ideas together into a finished product	Art • Water colour study • William Morris patterns • Thomas Nash (War and conflict paintings)	RE • Saints in Christianity. • Role models and how they relate to our own lives
PE • Agility – body positioning and balance • Understanding the physiology of exercise • Invasion games	Geography (Taught through History) • Locate the world's countries, using maps to focus on Europe • Name and locate counties and cities of the United Kingdom • Know how local area was impacted by the war	History (Autumn 1 and 2) • WWI • What were the key causes of the war • Where did it takes place? • Why did trench warfare start? • What was life like in the trenches? • How did technology change during the war? • How significant were tanks? • How and when did it end? • The significance of Remembrance Sunday • Brief look at WWII to establish difference between static WWI and mobile WWII