

Year 6 - Autumn 1 - Overview

<p>Maths</p> <p>Arithmetic skills</p> <ul style="list-style-type: none">• 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 <p>Place Value</p> <ul style="list-style-type: none">• 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 <p>Problem Solving</p> <ul style="list-style-type: none">• Represent any problem as a calculation using BIDMAS (and algebra) as appropriate• Represent using graphical form – Bar Model / diagram / cross-hairs	<p>English</p> <p>Grammar:</p> <ul style="list-style-type: none">• Prepositional phrases as adjectives and adverbials• Different types of verbs• Subordinate and coordinating conjunctions• Accurate use of commas, semi-colons and colons <p>Spellings</p> <ul style="list-style-type: none">• 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 <p>Reading</p> <ul style="list-style-type: none">• (Where relevant improve reading fluency)• Deeper development of inference skills• Analyse and compare different author’s styles <p>Composition:</p> <ul style="list-style-type: none">• 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	<p>Science</p> <p>The Human Body</p> <ul style="list-style-type: none">• 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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<p>ICT</p> <ul style="list-style-type: none"> • Internet safety • Excel spreadsheets – collect and organise data • Use formula for four mathematical functions 	<p>Art - Art through the ages.</p> <ul style="list-style-type: none"> • Stone age - • Roman mosaics • Bayeux tapestry <p>Supplementary – seasonal art</p>	<p>RE</p> <ul style="list-style-type: none"> • Saints in Christianity. • Role models and how they relate to our own lives
<p>PE</p> <ul style="list-style-type: none"> • Agility – body positioning and balance • Understanding the physiology of exercise • Invasion games - hockey 	<p>Geography (Taught through History)</p> <ul style="list-style-type: none"> • 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 	<p>History (Autumn 1 and 2)</p> <ul style="list-style-type: none"> • WWI • What were the key causes of the war • Where did it take 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