



Cycle A Term 2

Curriculum Subject	Activities and Learning Challenges
Literacy	<p><u>Writing</u></p> <ul style="list-style-type: none">• Identify features of new genre.• Shared write• Guided write• Independent writing <p><u>Genres</u></p> <ul style="list-style-type: none">• Non- Chronological report• Persuasive letter• Balanced argument <p><u>Grammar/ sentence structures</u></p> <ul style="list-style-type: none">• Focus on grammar linked to current genre.• Revision of fundamental grammar and sentence structure. <p><u>Spelling</u></p> <ul style="list-style-type: none">• Year 5/6 –word list• Words ending in cial and tial, ent and ant, ance, ancy, ence and ency. Ous, cious and tious. Able and ible. Al, el and le. Sure and ture.• Words generated from individual writing. <p><u>Reading</u></p> <ul style="list-style-type: none">• Individual reading – free readers.• Read and respond – guided reading.• Comprehension – focus on inference and use of language.• Daily silent reading session.

Year 5

- Number -Read, write and order numbers with up to 6 digits and understand the place value of each digit; place 6-digit numbers on a number line and find numbers between.
- Multiplication and division -multiply and divide by 10/100/1000 using a place-value grid; understand place value in decimal numbers to 2-decimal places.
- Multiplication and division -Use rules of divisibility to find if numbers are divisible by 2, 3, 4, 5, 9 and 10; identify prime numbers; revise finding factors of numbers; find squares and square roots of square numbers.
- Geometry -Know properties of equilateral, isosceles, scalene and right-angled triangles; find that angles in a triangle have a total of 180°; sort triangles according to their properties.
- Fractions, ratio and proportion -Place mixed numbers on lines; count up in fractions using equivalence; convert improper fractions to mixed numbers and vice versa; write improper fractions as mixed numbers and vice versa; multiply proper fractions by whole numbers.
- Problem solving -Use mental strategies to solve multi-step word problems; use counting up as a strategy to perform written subtraction.

Year 6

- Number-Read and write numbers with up to 7-digits, understanding what each digit represents; work systematically to find out how many numbers round to 5000000.
- Fractions, decimals and percentages -Multiply and divide by 10, 100 and 1000; compare and order numbers with up to three decimal places; know common fraction / decimal equivalents
- Multiplication and division -Use partitioning to mentally multiply 2-digit numbers with one decimal place by whole 1-digit numbers; multiply numbers

with two decimal places; use short multiplication to multiply amounts of money.

- Geometry-Name, classify and identify properties of quadrilaterals; explore how diagonal lines can bisect quadrilaterals; understand what an angle is and that it is measured in degrees.
- Statistics-Calculate and understand the mean average; construct and interpret distance/time line graphs where intermediate points have meaning, including conversion line graphs; understand pie charts are a way of representing data using percentages.
- Problem solving and reasoning -Generalise a relationship between pairs of numbers, express simple formulae in words, then using letters; describe and continue sequences, generalise to predict the tenth term

Science

Properties and changes of materials

- Compare and group together everyday materials on the basis of their properties.
- Know that some materials will dissolve in liquid to form a solution.
- Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic.

	<ul style="list-style-type: none"> • Explain that some changes result in the formation of new materials.
ICT	<ul style="list-style-type: none"> • Understand uses of networks for collaboration and communication • Be discerning in evaluating digital content <p><u>HTML</u></p> <ul style="list-style-type: none"> • Unit 3 HTML Links - Learn how to create hyperlinks to other web pages, including: other websites; ready-made pages and simple project pages, which are divided into linked sections. • Learn how to make a link using an image. Use code so clicking the image will take you to another page • Learn how to make links within a web page that will scroll the page to a different section of the page • Learn how to divide a web page up into sections called divs. Make a take away menu with links to each section • Use different divs (sections) to make a page about sports. Add images and links to each section • Debugging • Purple Mash Scheme of work (See ICT curriculum overview)
	<p><u>Vikings and Anglo Saxons</u></p> <ul style="list-style-type: none"> • Understand how knowledge of the past is constructed from a range of sources. Ask historically valid questions. • Learn about Viking raids and invasion. Learn about the success of the Viking invasion. • Develop a chronologically secure knowledge and understanding of world history, establishing clear narratives within the periods they study. • Understand how our knowledge of the past is constructed from a range of sources. • Understand the Viking and Anglo-Saxon struggle to the time of Edward the Confessor.
Geography	<p><u>Vikings and Anglo Saxons</u></p> <ul style="list-style-type: none"> • Locate the some of the world’s countries using maps to focus on Europe, particularly Scandinavia. • Use sketch maps to record features. • Use maps. <p><u>Around the world in 80 days</u></p> <ul style="list-style-type: none"> • Form an understanding of the water cycle, creating simple models of it.

	<ul style="list-style-type: none"> • Explore and discuss coastal features and processes and the impacts of coastal erosion. • Describe and understand key aspects of physical geography including volcanoes. • Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied. • Describe and understand key aspects of climate zones, biomes and vegetation belts.
Art and Design	<p><u>Vikings and Anglo Saxons</u></p> <ul style="list-style-type: none"> • Construct Viking ships. • Generate and develop their ideas through discussion, annotated sketches, prototypes, etc. • Select from and use a range of materials. <p><u>Around the World in 80 days</u></p> <ul style="list-style-type: none"> • Create class collage – world maps and world biomes. • Produce creative work, exploring their ideas and recording their experience.
Design and Technology	<p><u>Vikings and Anglo Saxons</u></p> <ul style="list-style-type: none"> • Generate, develop, model and communicate their ideas through discussion, annotated sketches and cross-sectional diagrams. • Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities. <p><u>Around the world in 80 days</u></p> <ul style="list-style-type: none"> • Select from and use materials, including construction materials and textiles, according to their functional properties and aesthetic qualities. • Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose.
Physical Education	<p><u>Invasion games</u></p> <ul style="list-style-type: none"> • Play competitive games, modified where appropriate and apply basic principles suitable for attacking and defending.

	<ul style="list-style-type: none"> • Use running, jumping, throwing and catching in isolation and in combination. <p><u>Synchronisation and Canon</u></p> <ul style="list-style-type: none"> • Develop flexibility, strength, technique, control and balance. • Compare their performances with previous ones and demonstrate improvement to achieve their personal best.
Religious Education	<p><u>Islam</u></p> <ul style="list-style-type: none"> • Muslim beliefs and gods • Routines and practices within the mosque. • Beliefs and practices at home. • Significant Muslim places. <p><u>Christianity</u></p> <ul style="list-style-type: none"> • The meaning of Easter and its significance. • The importance of the communion. • The events of the Last Supper.
Modern Foreign Language	<p><u>French</u></p> <ul style="list-style-type: none"> • Speak in sentences, using familiar vocabulary, phrases and basic language structure. • Engage in conversations, ask and answer questions; express opinions and respond to others; seek clarification and help.
PSHE	<p><u>Citizenship and health</u></p> <ul style="list-style-type: none"> • What does it mean to be a British citizen? • Personal well-being - How can I stay healthy?