

English

- Continuing to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks
- Reading books that are structured in different ways and reading for a range of purposes
- Identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own
- Noting and developing initial ideas, drawing on reading and research where necessary
- In writing narratives, considering how authors have developed characters and settings in what pupils have read, listened to or seen performed
- In narratives, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action
- in narratives, describing settings, characters and atmosphere.

RE

- Know and understand the Christian preparation for Christmas
- Understand the symbolism of the Advent wreath
- Understand and explain the importance of Advent to Christians as part of their preparation for Christmas

Computing

- Can create an accurate program to accomplish a given goal (include loops, logic gates, variables)
- Test and debug programs to accomplish a given goal

Art

- To create sketch books to record their observations and use them to review and revisit ideas
- To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]
- To learn about great artists, architects and designers in history.

Science

- Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution
- Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating
- Demonstrate that dissolving, mixing and changes of state are reversible changes
- Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including the action of acid on bicarbonate of soda.



Year 5 Curriculum Overview

WATER

PSHE

Living in the Wider World

- To learn that they have different kinds of responsibilities, rights and duties at home, at school, in the community and towards the environment; to continue to develop the skills to exercise these responsibilities
- To learn about the role money plays in their own and others' lives, including how to manage their money and about being a critical consumer
- To develop an initial understanding of the concepts of 'interest', 'loan', 'debt', and 'tax' (e.g. contribution to society through the payment of VAT)

Maths

- Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers
- Know and use the vocabulary of prime numbers, prime factors and composite (nonprime) numbers
- Establish whether a number up to 100 is prime and recall prime numbers up to 19
- Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers
- Multiply and divide numbers mentally drawing upon known facts
- 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

Geography

- Physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle
- Human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water
- Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied
- Use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world
- Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies