

## 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