

Curriculum Overview for Year 5

Terms 3 and 4

English

Reading

- Continue to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks.
- Distinguish between statements of fact and opinion
- Identifying how language, structure and presentation contribute to meaning
- Participate in discussions about books that are read to them and those they can read for themselves, building on their own and others' ideas and challenging views courteously

Writing

- Plan, write, evaluate, edit writing in a range of genres.
- Suggest changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
- Use a wide range of devices to build cohesion within and across paragraphs
- Retrieve, record and present information from non-fiction
- Use further organisational and presentational devices to structure text and to guide the reader

Grammar

- Use commas to clarify meaning or avoid ambiguity in writing
- Use semi-colons, colons or dashes to mark boundaries between independent clauses

Speaking & Listening

- Participate in discussions, presentations, performances, role play, improvisations and debates
- Prepare poems and plays to read aloud and to perform, showing understanding through intonation, tone and volume so that the meaning is clear to an audience

Art & Design

- to create sketch books to record their observations and use them to review and revisit ideas
- Painting & colour – creating images of water (knowledge of artists – Hockney)

Computing

- design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts
- use sequence, selection, and repetition in programs; work with variables and various forms of input and output
- use logical reasoning to explain how some simple algorithms work.
- digital literacy – learn and explore how the internet works
- online safety – staying safe on the internet and electronic devices

Design & Technology

- use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups
- Bread Making – changes that take place during the process, measuring, investigate flavour, texture and design.
- evaluate ideas and products against design criteria and consider the views of others to improve their work

Geography

- identify human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers); and understand how some of these aspects have changed over time
- describe and understand key aspects of physical geography, involving rivers and the water cycle
- use fieldwork to observe, measure, record and present the physical features in the local area using a range of methods

Mathematics

- Use rounding to check answers to calculations
- identify multiples and factors
- Multiply and divide numbers mentally drawing upon known facts
- Multiply increasingly large numbers and decimals using the grid and column method
- Divide numbers up to 4 digits by one and two digit numbers and interpret remainders

- Solve problems using all 4 operations
- Compare and order fractions and find equivalent.
- Convert between mixed and improper fractions as well as between decimals, fractions and percentages.

- Identify types of angles and measure and draw them using protractors.
- Calculate angles on a straight line, in a triangle and at a point.
- Recognise and create 2D shapes with one or more axes of symmetry.
- Continue to practice mental arithmetic skills.
- Revise/revisit learning from Terms 1 & 2

Modern Languages

- French – shops and shopping – understand, speak and write basic sentences
- broaden their vocabulary and develop their ability to understand new words that are introduced into familiar written material

Music

- Explore beat at different tempo
- Sing syncopated melodies
- Read grid and staff notation
- Accompanying a song with tuned and untuned instruments
- Compose and perform together
- Explore extended vocal techniques

Science

Animals including humans

- Learn about the changes undergone by boys and girls during puberty
- Describe the changes as humans develop to old age.

Properties of Materials

- Changing states: reversible and irreversible changes to materials
- Practical investigations and experiments; writing up predictions, results and conclusions

History

A study of an aspect or theme in British history :
The Tudors

- Compare and Contrast Henry VIII and Elizabeth I
 - Political and social history
 - Fact vs fiction
 - Primary and secondary sources

Physical Education

Outdoor PE

- play competitive games, including hockey, and apply basic principles suitable for attacking and defending

Indoor PE - Dance

- develop flexibility, strength, technique and control
- perform dances using a range of movement patterns
- compare their performances with previous ones and demonstrate improvement to achieve their personal best.

- Swimming (classes on a rota)

Religious Education and PSHE

Religion, Family and Community (Islam)

- Islam – worship, pilgrimage and sacred places. Beliefs in action in the world.
- Describe some of the ways in which Christians understand the death and resurrection of Jesus – linked to Easter

PSHE

- Understand how puberty affects the body and the emotions.
- Friendships – being a good friend, falling out, conflict resolution, anti-bullying