

Curriculum Skills Overview for Year 5 Summer - Engineers



English

As writers we will:

- Identify the audience for and purpose of our writing
- Write in the first person
- Describe settings, characters and atmosphere, choosing vocabulary for effect
- Write to discuss, using carefully selected vocabulary
- Use persuasive devices in our writing
- Use organisational and presentational devices (e.g. headings and bullet points) to structure the text and guide the reader
- Build cohesion within and across paragraphs using a range of devices

As readers we will:

- Continue to read and discuss a wide range of fiction, poetry and non-fiction books
- Retrieve, record and present information from non-fiction
- Infer characters' feelings, thoughts and motives, using evidence
- Explore the meaning of words in context, and give synonyms for these words
- Discuss and evaluate how authors use language, considering the impact on the reader
- Understand what we read by identifying how language, structure and presentation contribute to meaning
- Distinguish between word classes

In SPAG activities we will study:

- KS2 punctuation
- Nouns and adjectives
- Verbs and adverbs
- Parenthesis (extra information)
- Apostrophes for omission or possession
- Subordinate clauses
- Relative pronouns and relative clauses
- Modal verbs
- Adverbs
- Commas to clarify meaning
- The Year 5/6 spelling list

As artists we will:

- Research & study the work and techniques of the artist David Hockney
- Use techniques of water colour and wax resist
- Appreciate a range of diverse artists including traditional Australian art.
- Study the symbolism of canal art
- Compare and contrast a range of styles and periods based on the theme of water

As computer scientists we will:

- Use digital media to create Vector drawings.
- Continue to increase our awareness of online safety and the types of behaviour acceptable whilst online.
- Use programmes such as Microsoft Word and PowerPoint to create interactive quizzes.

As design technologists we will:

- Study Cam Toys with at least one moving part
- Create designs to match a given brief
- Evaluate a final product.
- Study the role of an engineer
- Use tools in the Woodwork Room safely

As French

Be able to listen, to read and use vocabulary that is related to....

- School
- Subjects
- Opinions and reasons
- Timetables

As linguists we will:

Compare English/French schools

As Mathematicians we will:

Fractions

- Convert between mixed numbers and improper fractions
- Add proper fractions
- Add mixed numbers
- Subtract a proper fraction from a mixed number
- Multiply unit fractions by whole numbers
- Multiply non unit fractions by whole numbers
- Multiply mixed numbers by whole numbers

Measurement

- Calculate the area of rectangles and squares
- Estimate the area of shapes that are not rectangles
- Estimate the volume of 3D shapes
- Estimate capacity
- Convert between seconds and minutes / minutes and hours / hours and days / days and weeks

Geometry: Properties of shape

- Know angles are measured in degrees
- Estimate the size of acute, obtuse and reflex angles
- Use a protractor to measure angles
- Identify angles at a point and on a straight line

As geographers

we will:

- Recap types of settlement and land use.
- Explain economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water.
- Investigate places with more emphasis on the larger scale; contrasting and distant places
- Analyse evidence and draw conclusions
- Use fieldwork to observe, measure record and present the human and physical features in the local area using a range of methods