

Year 5 Curriculum Map

Excalibur's curriculum drivers are embedded throughout our teaching

Aspiration

Unity

Resilience

Respect

English, Communication and Languages

As writers, we will:

- Write for a range of purposes and audiences, including relevant features
- Plan, draft, edit and publish pieces of writing
- Proof read and assess our own and others' work
- Use a full range of punctuation with increasing accuracy
- Build cohesion between paragraphs
- Use relative clauses beginning with relative pronouns
- Use adverbs and modal verbs to indicate possibilities
- Write legibly and fluently

As readers we will:

- Make predictions and clarify vocabulary
- Retrieve information and summarise the main ideas
- Make inferences and justify with evidence
- Evaluate the author's language choice
- Make comparisons with other books
- Identify and language, structure and presentation contribute to meaning

As French linguists we will revise and learn:

- Months of the year, weather phrases and seasons
- Saying where we live and use points of the compass
- Use simple sentences to present a mini weather report
- Use spoken language spontaneously and take part in a role play
- Ask and answer questions and identify rhyming words
- Scan a more detailed text with unknown language for details
- Use quantifiers and time phrases
- Geographical knowledge of France
- Understand that there are stereotypical images associated with countries
- Consider similarities and differences in daily life in France and the UK

Mathematics

As mathematicians, we will learn to:

- Understand and use degrees and draw lines and angles accurately
- Classify and estimate angles, plus, measure angles to 180 °
- Calculate angles around a point and on a straight line
- Consider lengths and angles in shapes and features of 2D and 3D shapes
- Read, plot and solve problems concerning coordinates
- Translate and reflect and identify lines of symmetry
- Add and subtract decimals
- Identify decimal sequences
- Multiply and divide by 10, 100, 1000
- Understand, compare, order and use negative numbers
- Find the difference between negative and positive numbers
- Convert units of weight and length
- Convert between imperial and metric units
- Convert units of time and calculate with timetables
- Use cubic cms and compare volume
- Estimate volume and capacity

Summer Term 2024 - 25

Class Text

Miss McArdle, Miss Mannock (Mrs Steer)

Madame Leydon, and Mr Reid



Science and Technology

As scientists we will learn:

In materials and their properties

- Compare and group together everyday materials on the basis of their properties
- 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
- Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials
- Demonstrate that dissolving, mixing and changes of state are reversible changes
- Explain that some changes result in the formation of new materials

In Living Things and their Habitats

- Describe differences in lifecycles of mammals, amphibians, insects and birds
- Describe the life process of reproduction in some plants and animals
- Find out about the life of a naturalists and animal behaviourists such as Jane Goodall

As computer scientists, we will learn:

Through programming:

- To explain how selection is used in computer programs
- To relate that a conditional statement connects a condition to an outcome
- To explain how selection directs the flow of a program
- To design a program that uses selection and to evaluate the program
- To control a simple circuit connected to a computer
- To write a program that includes count-controlled loops
- To explain that a loop can stop when a condition is met * To design a physical project that includes selection

Physical Health and Well-being

As sports' people, we will:

- Understand the impact of sport on our health and well-being

In rounders:

- Develop coordination and ability to field and strike effectively
- Develop understanding of the rules of rounders

Through athletics:

- Develop ability to jump as far as possible
- Develop knowledge of how to use our bodies to maximise performance
- Develop ability to hurdle effectively
- Develop ability to triple jump
- Develop ability to throw a javelin
- Develop ability to run 600 m
- Develop ability to 'putt' the shot effectively

Through cricket:

- Develop coordination and ability to field effectively
- Develop the ability to hold and use a bat effectively

As citizen's we will:

- Explore how to value ourselves
- Explore the effects of alcohol, tobacco and drugs
- Explore how to keep well
- Explore puberty and emotions
- Learn basic first aid
- Explore uncomfortable feelings
- Explore different identities

Humanities, Religious Education and Music

As geographers, we will learn about:

- How we use our oceans and why our oceans are suffering
- What the Great Barrier Reef is
- How littered our marine environment is and what we can do to help oceans

As historians, we will learn about:

- How we know so much about the Ancient Greeks
- What pottery remains tell us about everyday life in Ancient Greece
- Why Ancient Greece was able to be so strong
- Whether we would prefer to live in Athens or Sparta
- What their interest in theatre and festivals like The Olympics tell us about the
- How the Ancient Greeks have influenced our lives today

As theologians, we will learn:

- To explore how laws are created, the concept of succession, where religious laws come from and how leaders can be chosen for leadership characteristics
- To explore why some places in the world are significant to believers

As musicians, we will:

- Listen, respond, sing and perform
- Play instruments using a selection of notes C, D, E ♭, E, F, F ♯, G, A, B ♭, B
- Improvise and compose
- Learn the design and structure of a song
- Develop and broaden music theory & musical knowledge and understanding

The Arts and Design

As artists, we will:

Through craft and design:

- Apply observational drawing skills to interpret forms accurately.
- Apply composition skills to develop a drawing into print
- Apply an understanding of architecture to design a building
- Extend design ideas through research and sketchbook use
- Explore and evaluate the intention of a design

Through sculpture and 3D:

- Identify and compare features of art installations.
- Investigate the effect of space and scale when creating 3D art.
- Problem-solve when constructing 3D artworks.
- Plan an installation that communicates an idea.
- Apply their knowledge of installation art and develop ideas into a finished piece.

As designers, we will:

Through Structures (bridges)

- Explore how to reinforce a beam (structure) to improve its strength.
- Build a spaghetti truss bridge.
- Build a wooden truss bridge.
- Complete, reinforce and evaluate the truss bridge.

Through cooking and nutrition

- Understand how ingredients are reared and processed.
- Make adaptations to design a recipe.
- Evaluate nutritional content
- Practise food preparation skills.
- To design a product label.
- Follow and make an adapted recipe.