

Year 4 Curriculum Map Autumn Term

Excalibur's curriculum drivers are embedded throughout our teaching

Aspiration

Unity

Resilience

Respect

English, Communication and Languages

As writers we will:

Write a retell of The Flying Scotsman and the best birthday present ever by using these skills:

- The correct use of capital letters and full stops.
- Consistent use past tense and third person
- The use of adjectives, verbs and prepositions.
- To use complex sentences to show, time or place.
- To use fronted adverbials that are correctly punctuated with a comma.
- To use paragraphs to present final piece of writing.

As readers, we will:

- Predict what might happen using evidence presented
- Explore the meanings of words in context.
- Retrieve, record and present information from fiction and non-fiction texts.
- Draw inferences about characters, feelings and thoughts.
- Identify main ideas drawn from more than one paragraph and summarise.

As French linguists we will:

- We will learn to say, read and write some information about:
 - Classroom instructions
 - Fruit and food
 - Days of the week
 - Parts of the body
 - How do we say... in French?
 - Revision of months
 - Revision of colours

Express opinions.

Identify social conventions at home and in other cultures.

Science and Technology

As scientists we will learn about:

Identify and group materials as solids, liquids or gases.

Investigate changes of state, including melting, freezing, evaporation and condensation, and understand how temperature causes these changes. Explore **the water cycle**, understanding the roles of evaporation and condensation and how temperature affects evaporation.

Explore the human digestive system, identifying its main parts and explaining their functions. **Investigate human teeth**, identifying incisors, canines, premolars and molars and understanding their different functions.

Construct and interpret food chains, identifying **producers, consumers, predators and prey**.

As computer scientists, we will:

Understand how computer networks connect together to form the internet and why networks need to be kept secure.

Explore the World Wide Web, understanding that websites and their content are created and owned by people.

Evaluate information online, considering whether content is accurate, honest and reliable.

Mathematics

As mathematicians, we will learn to:

Develop our understanding of place value to 10,000, representing, partitioning, comparing and ordering numbers and finding 1, 10, 100 and 1,000 more or less.

Round numbers to the nearest 10, 100 and 1,000 and explore **Roman numerals**.

Add and subtract numbers up to four digits, progressing from calculations without exchanging to calculations involving one or more exchanges.

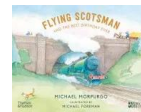
Estimate and check answers and decide when a mental or written calculation is the most efficient method.

Understand area, including counting squares, creating shapes with a given area and comparing the areas of different shapes.

Develop multiplication and division fluency, with a particular focus on the **3, 6, 7, 9, 11 and 12 times tables** and their related division facts.

Understand what happens when we **multiply by 0 and 1**, divide by 1 or by the number itself, and **multiply three numbers together**.

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Humanities

As Historians we will:

Explain why children needed to work.

Identify the jobs Tudor and Victorian children had.

Describe the working conditions of Tudor and Victorian children.

Identify how Lord Shaftesbury changed the lives of children and evaluate the impact of his work.

Use sources to identify leisure activities and compare them over time.

Identify diseases past children suffered from and discuss how effective the treatments were.

As Geographers, we will:

Describe the three courses of a river.

Name the physical features of a river.

Name some major rivers and their location.

Describe different ways a river is used.

List some of the problems around rivers.

Describe human and physical features around a river.

Identify the location of a river on an OS map.

Make a judgement on the environmental quality in a river environment.

Make suggestions on how a river environment could be improved.

As theologians, we will:

Explore if all religions are equal

Physical Health and Well-being

As citizens, we will learn to:

Describe emotions.

Understand internal and external distractions.

Explore different thinking habits.

Manage worries.

Find strategies for calm.

Explore ways to manage to risk

As sports people, we will:

- Develop fundamental skills needed to play Rugby, Hockey and Badminton.
- Develop tactical awareness of the games.
- Work effectively as part of a team.
- Take on a variety of roles.
- Identify our own strengths and weaknesses.

The Arts and Design

As artists, we will:

- Investigate style and pattern.
- Apply design skills inspired by portrait
- Apply understanding of portrait to draw with accuracy.

As designers, we will:

- I can use my knowledge of existing products to design a functional and appealing product for a particular purpose and audience.
- I can create designs using exploded diagrams.
- I can use techniques which require more accuracy to cut.

As musicians, we will:

- Follow instructions on how and when to play an instrument
- Make and control long and short sounds, using instruments
- Play from memory with confidence
- Play notes on an instrument with care so they are clear
- Use the standard musical notation of crotchet, minim and semibreve to indicate how many beats to play
- Recognise the notes EGBDF and FACE on the musical stave