

# 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 features relevant to the text type
- 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 days of the week and learn numbers to 50
- Learn about hobbies
- Learn about items of food including fruit
- Understand and use the simple future tense
- Express likes and dislikes
- Understand and use negatives
- Adapt a model to write a short paragraph
- Use connectives to extend a sentence
- Use dictionary skills
- Revise connectives

## Science and Technology

### As scientists we will learn:

- To describe the changes as humans develop to old age.
- To draw a timeline to indicate stages in the growth and development of humans.
- About the changes experienced in puberty.
- To describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird.
- To describe the life process of reproduction in some plants and animals.
- About the work of naturalists and animal behaviourists

### As computer scientists, we will learn to:

**Creating media** - explain what makes videos effective, use a digital device to record video, capture video using a range of techniques, create a storyboard, identify that video can be improved through reshooting and editing, consider the impact of the choices made when making and sharing a video

**Flat file databases** – use a form to record information, compare paper and computer based databases, outline how grouping and then sorting data allows us to answer questions, explain that tools can be used to select specific data, explain that computer programs can be used to compare data visually, apply my knowledge of a database to ask and answer real-world questions

## Mathematics

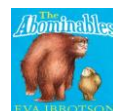
### As mathematicians, we will learn to:

- Multiply by a 1 and 2 digit number using short and long multiplication
- Divide a 4 digit number by a 1 digit number using short division
- Multiply fractions
- Convert fractions, decimals and percentages
- Find fractions of amounts.
- Round decimal numbers to the whole and to 1 decimal place
- Order and compare decimals with up to 3 decimal places
- Understand percentages
- Find the perimeter of rectangles, rectilinear shapes and polygons
- Find the area of rectangles and compound shapes
- Draw, read and interpret line graphs, tables and timetables

## Spring Term 2022-23

Miss McArdle, Miss Robinson,  
Madame Leydon, and Miss  
Donkin

## Class Text



## Humanities, Religious Education and Music

### As geographers, we will learn about:

- Where the Alps are and what it's like in the Alps
- Why people visit the Alps and what life is like in the Alps
- What there is to do in our local area
- How the Alps is different to the Alsager

### As historians, we will learn about:

- Why we study the Mayan empire in school
- How the Maya able to grow so strong when where they lived was mainly jungle
- What life like at the height of the Mayan civilization
- How we know what it was like there 1,000 years ago
- Why the Maya believe in human sacrifice
- Why the Mayan empire ended so quickly

### As theologians, we will learn:

- The relevance of Sikh stories today
- To question whether God intended Jesus to be crucified or whether Jesus' crucifixion was the consequence of events during Holy Week.

### As musicians, we will:

- Listen, respond, sing and perform
- Recognise the major scale.
- Use the metre 4/4, 2/4, ¾ and 6/8
- Introduce C major chords

## Physical Health and Well-being

### As sports' people, we will:

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

### In gymnastics:

- Use equipment safely
- Perform jumps, leaps, balances, rolls
- Perform a sequence of movements
- Develop flexibility, strength, technique, control and balance

### Through dodgeball and tag rugby:

- Develop the fundamental skills and rules needed for the games
- Develop a tactical awareness of the games
- Work effectively as part of a team to play competitive matches
- Take on a variety of roles within a game
- Identify our own strengths and weaknesses and suggest a method to improve skills

### As citizen's we will:

- Exploring how to keep safe
- Explore healthy relationships
- Explore how we can care in the community
- Explore the characteristics of healthy, happy relationships

## The Arts and Design

### As artists, we will:

- Understand and explain what retrofuturism is.
- To explore the purpose and effect of imagery
- To understand and explore decision making in creative processes
- Comfortably use different stimuli to draw from.
- To develop drawn ideas through printmaking
- Independently select tools and drawing techniques
- To test and develop ideas using sketchbooks
- To apply understanding of drawing processes to revisit and improve ideas

### As designers, we will:

- Research existing products to inform the design of a product – a pencil case with zipper
- Create prototypes to show ideas.
- Make careful and precise measurements so that joins, holes and openings are in exactly the right place.
- Produce step by step plans to guide in making, demonstrating the application of knowledge of different materials, tools and techniques.
- Make detailed evaluations of products considering the view of others to improve work.
- Build more complex 3D structures and apply knowledge of strengthening techniques to make them stronger and more stable.