

Year 4 Curriculum Map

Excalibur's curriculum drivers are embedded throughout our teaching

Aspiration

Unity

Resilience

Respect

English, Communication and Languages

As writers, we will:

- Write with fluency to produce:
 - o A portal fantasy narrative
- Plan, draft and edit independently.
- Select and accurately use appropriate grammar.
- Evaluate our own and others' writing.

As readers, we will:

- Make comparisons within and across books.
- Retrieve, record and discuss information.
- Compare texts of different genres and writers.
- Identify themes, conventions and styles in books.
- Identify and summarise main ideas.
- Identify how language, structure and presentation contribute to meaning.
- Draw inferences and justify predictions.

As French linguists, we will:

- Talk about pets, personal information, hobbies, opinions; use connectives, plurals and recognise positive and negative statements; follow a story, recognise nouns and verbs; use bilingual dictionary, write simple sentences using a model, write words from memory and understand a paragraph.

Science and Technology

As scientists, we will learn about:

- Scientists and Inventors: Alexander Graham Bell, Maria Telkes
- Living Things and their Habitats
- recognise that living things can be grouped in a variety of ways
- explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment
- recognise that environments can change and that this can pose dangers to living things.

As computer scientists, we will:

- Manipulating digital images and reflecting on the impact of changes and whether the required purpose is fulfilled.
- Write and evaluate algorithms and programs using selection and repetition to use the micro:bit as a temperature recorder, an automatic warning system and a digital assistant.

Mathematics

As mathematicians, we will learn to:

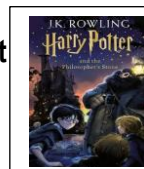
As mathematicians, we will learn to:

- multiply 2-digit and 3-digit numbers by a one-digit number formally
- solve problems involving multiplying and adding, including using the distributive law, integer scaling problems and harder correspondence problems
- recognise and show equivalent fractions
- recognise how hundreds arise; count up and down in hundredths
- use fractions to calculate and divide quantities
- add and subtract fractions with the same denominator
- recognise and write decimal equivalents of tenths or hundredths
- find the effect of dividing a 1 or 2-digit number by 10 and 100
- recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$
- measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres

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Class Text

Mr Barclay and Mrs Bundy



Humanities

As geographers, we will learn about:

- The name of some cities and counties in the UK.
- The main types of land use such as residential, agricultural, commercial and transportation.
- Some types of settlement such as village, town and city
- The different settlement patterns e.g. linear, nucleated and dispersed

As historians, we will learn that:

- Arriving on longboats from Norway, Sweden and Denmark, the Vikings raided coastal places in Britain eg. Lindisfarne.
- Monks have written accounts of the Viking invasion, portraying them as raiders.
- Archaeological discoveries (Jorvik) tell us about life in Viking times.
- Vikings started as raiders, became settlers and then rulers.
- The Danelaw was the area of Viking settlement where the Danes ruled with their own laws.
- The Vikings are responsible for many place names
- in the United Kingdom, such as Lindholme and Althorpe.

Physical Health and Well-being

As sports people, we will:

- Utilise changes of direction, speed & level
- Select appropriate tactics to cause problems for opponents
- Demonstrate a developed understanding of how the body changes/functions during exercise
- Display an understanding of fair play
- Adapt throwing technique to ensure success

As citizens, we will:

- Understand that outside appearance doesn't always match inside feelings.
- Understand our rights and responsibilities and the UN Convention on the Rights of the Child
- Understand that mixing with those we see as 'different' can bring happiness.
- Learn the appropriate boundaries and behaviour of different relationships, understand belonging and caring families.
- Understand where money comes from and reasons for borrowing.

The Arts and Design

As artists, we will:

- Investigate different ways of applying paint
- Mix tints and shades of a colour
- Use tints and shades to give a 3D effect when painting
- Explore how paint can create very different effects
- Consider proportion and composition when planning a still life painting.

As designers, we will:

- Describe features of biscuits using taste, texture and appearance.
- Follow a recipe with support.
- Use a budget to plan a recipe.
- Adapt a recipe using additional ingredients.
- Identify the features, benefits and disadvantages of a range of fastening types.
- Write design criteria and design a sleeve that satisfies it.
- Make a template for their book sleeve.
- Assemble case using any stitch they are comfortable with.

As musicians, we will:

- Copy back complex melodic and rhythmic patterns.
- Recognise long and short sounds
- Create rhythms using word phrases.
- Recognise notes, minims, crotchets, quavers and their rests
- Play and improvise rhythmic patterns using these.
- Play and sing in 2/4, 3/4 and 4/4 times