

## COMPUTING

- Vector drawing
- Computer systems and networks

E safety - staying safe online and internet safety rules.

## GEOGRAPHY

No Geography is taught this term.

## HISTORY

### Ancient Egypt

**Our learning will cover the following key questions:**

Who built the Great Pyramid at Giza? Why did they build the pyramids? What was inside? Why was trade so important for the Egyptians? Why did Hatshepsut send an expedition to Punt? What did Akhenaten do that made him so hated? What happened to Akhenaten's successors?

**KEY VOCAB:** Pharaoh, River Nile, trade, terrain, scarab, papyrus, scribe, amulet, Canopic jar, sarcophagus, tomb, afterlife, hieroglyphics,

## ART ~ Sculpture - Canopic Jars

3D sculpture – be able to manipulate materials referencing a design and applying sculpture skills. Children will develop their sketchbooks to investigate and study sculpture. They will use clay to produce pots using the coil or pinch pot method. Children will critique and evaluate their own work and that of others.

## D&T ~ Structures and mechanisms

Children will work with wood to design and work a model shaduf that could have been used by the ancient Egyptians. They will need to measure accurately and cut wood as well as join it effectively to produce a working product.

## FRENCH *This is taught by French specialist teacher.*

Talking about food and drink I like and don't like and why; researching the geography of France and learning to describe the weather.

## ENGLISH

Reading - Pupils will work on the novel Charlotte's Web by EB White. They will concentrate on vocabulary and retrieval work as well as inference to gain a deeper understanding of the text. They will be encouraged to read aloud and independently.

Writing - Pupils will produce a range of fiction and non-fiction texts that have been carefully planned as well as self and peer edited. Children will cover appropriate grammar conventions that they will be able to apply to their written texts.

**Handwriting** – Pupils develop a consistently joined and fluent style.

## MATHS

**Place value** ~ Read and write numbers within 100,000 and know the value of each digit. Round numbers upto 100,000. Understand decimals to 2 decimal places. Recognise and describe linear number sequences. Interpret negative numbers in context. Count forward and backwards across zero. Read Roman numerals to 1000.

**Addition and subtraction** ~ Derive and recall what must be added to any 4 digit number to make the next multiple of 1000. Add and subtract numbers mentally. Add and subtract numbers with more than 4 digits using formal written methods. Use rounding to check answers. Solve multi-step word problems.

**Multiplication and division** ~ Develop a range of mental strategies to multiply and divide. Multiply a 4 digit number by a one digit number using short multiplication. Multiply a 4 digit number by a 2 digit number using long multiplication. Divide a 4 digit number by a 1 digit number using short division. Solve multi-step problems using all 4 operations.

**Data** ~ Interpret time graphs. Complete information in tables, including timetables.

# Year 5: Autumn

## R.E.

Christianity

We will be exploring the questions:  
What does it mean if Christians believe God is holy and loving? Why do Christians believe Jesus was the Messiah? This will include an in depth look at Christian beliefs and how these are put into practice.

## MUSIC

**Focus 1 - :** Sea shanties, beat, rhythm, chords, bass, dot notation.

**Focus 2 -** Gospel music, instruments, structure, texture, vocal decoration

**Focus 3 -** Structure (verse/chorus), hook, lyric writing, melody

## P.E.

1. Orienteering using the school's marked course.

2. Sports hall athletics - including running, jumping, throwing and catching.

3. Gymnastics - develop flexibility, strength, technique and control.

## PSHE

**Relationships**

Families and Friendships  
Managing friendships and peer influence.  
Safe relationships.  
Physical contact and feeling safe. Respecting ourselves and others.  
Responding respectfully to a wide range of people; recognising prejudice and discrimination.

## SCIENCE

**Living things and their habitats/ Animals including humans.**

What do humans look like? Do all animal embryos look the same? How do humans change? Why do humans change? What is a life cycle? What types of life cycles are there? Are life cycles the same? What causes puberty? What changes do we go through during puberty? Are there any patterns between vertebrate animals and their gestation periods? Do plants reproduce in the same ways as us?

How do plants spread their seeds?

**KEY SCIENTISTS:** David Attenborough  
James Brodie

**KEY VOCAB:** Foetus, Embryo, Womb, Gestation, Baby, Toddler, Teenager, Elderly, Growth, Development, Puberty, Hormone, Physical, Emotional, Sexual, Asexual.