

ICT: Control and Modelling.

The children will learn:

- To use LOGO programming to type commands in immediate mode to produce specific shapes on screen and techniques to write a list of commands to produce a pre-drawn shape.
- That procedures can call other procedures.
- To write a procedure that uses other procedures to produce a result, and write repeating procedures to produce a desired outcome.

Humanities: Who were the Ancient Greeks?

- To locate mainland Greece on a world map and calculate the distance from London to Athens.
- That the main historical evidence about the Ancient Greeks comes from looking at Ancient Greek pottery.
- The ideas, similarities and differences of people living in Sparta and Athens.
- What made Ancient Greek fighters so powerful.
- About the role of the theatre in the way of life of the Greeks.

Literacy: Information texts/poetry

The children will learn:

- To work both independently and together in groups and pairs and explore Literacy through role play and drama.
- To analyse the mood of the visual short, The Piano.
- To recognise some of the techniques of film-making.
- To empathise with characters and experiment with different narrative voices.
- Linking to their Ancient Greek topic, the children will learn:**
- To identify features of myth genre.
- To create a storyboard to tell stories orally.
- To plan and write their own Greek myth using Greek Gods and Heroes.

Maths: The children will learn:

- The difference between discrete and continuous data.
- To use and interpret conversion graphs and pie charts.
- To use grouped data to analyse 'real-life' examples of data handling.
- The properties and characteristics of quadrilaterals.
- To calculate area and perimeter using simple and compound shapes.
- Revisiting formal and informal methods of calculating using the four operations, looking particularly at problem solving.

Year 5
Spring term 1
Who were the Ancient Greeks?

PSHE – Going for goals.

- The children will learn:
- How to be an effective learner.
- How can they can help someone reach their goal.
- How to recognise and celebrate their own achievements.

Science: Changing State

The children will learn:

- To explain scientifically the difference between a solid, liquid and a gas.
- That evaporation is when a liquid turns to a gas.
- That condensation is the reverse of evaporation
- That melting, freezing, condensing and evaporating are all changes of state which can be reversed
- To interpret the water cycle in terms of the processes involved.
- To construct a fair test
- To make careful measurements, recording them in tables and graphs.

Music: Instrumental performance

- While orchestra plays the rest of the children will learn to perform together, preparing the percussion, guitar and singing parts for assembly hymns and songs. They will have the opportunity to perform in assembly this half term.

Games /PE: Tag Rugby/Swimming

- Children will learn:
- To develop confidence in the water, using a range of skills and techniques.
- To develop and practice various swimming strokes for varying distances. How to use skills, strategies and tactics to outwit the opposition.
- Ways to find the best positions for passing. improving ball skills.

DT – Moving Toys

The children will learn:

- To understand that a cam will change rotary motion into linear motion.
- To understand that different shaped cams produce different movements.
- To consider the characteristics of the cam mechanism when designing the moving part of their toy.
- To measure, mark, cut and join accurately, testing their mechanisms and make adjustments where necessary.
- To test and evaluate their mechanisms.

RE – Prayer and Worship

The children will learn:

- Some of the stories Jesus told about prayer.
- To identify situations to pray for in the world and consider how these prayers might be answered.
- To know the types of prayer Christians pray in church.
- To identify the ways Christians worship.
- To understand the importance of Holy Communion to Christians.