

## Mathematics

Through fluency, problem solving and reasoning the children will explore area of mathematics including:

- Roman Numerals to 1000
- Place Value
- Addition and Subtraction
- Multiplication and Division
- Fractions



## Year 5 Autumn Term

### How did England change during the settlement of the Anglo-Saxons and Vikings?

## History

### Anglo-Saxons and Vikings

How did England change during the settlement of the Anglo-Saxons and Vikings?

- Who were the Anglo-Saxons and Vikings and why did they invade and settle in Britain?
- How well did the Anglo-Saxons and Vikings get on with each other?
- What was life really like in Anglo-Saxon and Viking Britain?

## Geography

### Our local area

- What would a geographer say about our local area?
- What is located where we live?
- How can we use a grid reference?

Children will examine the differences between human and physical features of their environment. They will see how landmarks can help you find your way and how these are marked on a map with symbols, letters or lines.

## PSHE

- Keeping/Stayin g Safe
- Peer Pressure
- Being Responsible
- Looking Out for Others
- Feelings and Emotions

## Music

Using the theme of Ancient Egypt, children learn to identify the pitch and rhythm of written notes

## Computing

Using the Internet: Use keywords within search engines to rank and compare results  
Data Recovery: Create a podcast

## Design and Technology

Structures Developing an understanding of structures by investigating how different shapes affect their strength.

## P.E.

Games: Team work, passing in different ways, best tactics and techniques

Dance: composing with imagination, performing expressively and sensitively with control, clarity, fluency, accuracy and consistency

Gymnastics: extended sequences combining action, balance and shape

Outdoor/adventurous: PGL visit

## Religious Education

What does it mean if Christians believe God is holy and loving? Children will explore what words they connect with the ideas of God, how God is described in the Bible and depicted in art.

## English

The children will be voyaging into space, beginning by reading accounts of lunar exploration, using the book "When We Walked on The Moon" as a starting point. The class will start by writing their own setting descriptions and poems. Throughout the term the children will engage with an expanded vocabulary to further develop their work.

## Science

Living things & their habitats through the year

- Describe the life process of reproduction in some plants and animals.
- Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird.
- Know about the life of Jane Goodall and David Attenborough

Properties of materials

- Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets.
- Explore thermal conductors and insulator. Compare materials and give evidence using concept of fair test.
- Know that some materials will dissolve in liquid to form a solution and describe how to recover a substance from a solution.
- Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.

## Art

3D Clay-Sculpture:

Research and compare a contemporary ceramicist, Bruce M Sherman and their work to the Lewis Chessmen.  
Develop techniques for working with clay  
Design, build and decorate a clay sculpture