

### Activities

Children will complete many practical tasks using a range of resources to achieve the understanding and skills highlighted from the science curriculum.

They will learn to record their work clearly and draw conclusions from the experiments they undertake.

They will use their knowledge to solve problems – for example – how could the Romans best move materials without experiencing too much friction?

### French

The children will develop both their ability to communicate in French and their understanding of grammar, by learning a variety of nouns, verbs and adjectives which they will use to build phrases and sentences.

### Computing

We will be learning key skills of effective computer work and safe internet use. The children will also be introduced to our new Purplemash Suite and develop their coding skills.

### Science

Our topic this term is forces and magnets. Throughout the work, the children will also be learning how to work scientifically:  
Compare how things move on different surfaces  
Notice that some forces need contact between two objects, but magnetic forces can act at a distance.  
Observe how magnets attract or repel each other and attract some materials and not others  
Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet and identify some magnetic materials  
Describe magnets as having two poles and Predict whether two magnets will attract or repel each other, depending on which poles are facing.

### Physical Development

Year 4 will swim for the first half of this term, followed by Year 3 after the half term break. The children will develop their sports and team game skills weekly with Mr Williams, our pro-coaching teacher and will complete a dance unit which explores the idea of pattern (linked to the mosaic art work) whilst the other year group swims.

### Activities

In studying the Roman Empire and it's impact on Britain, the children will:

- Use atlases and google maps to identify countries within the Roman Empire and their features
- Use reference books and the internet to research daily life as a Roman
- Identify why the Roman army was so successful and how Britain was Romanised.
- Use photographic and other written evidence to consider the impact of Rome on Britain today.

### History

- To ask historical questions
- To understand how artefacts help us understand the past
- To understand the chronological order of events

### Geography

- locate the world's countries, using maps to focus on Europe and major cities
- Use maps, atlases and computer mapping to locate countries and describe features.

### English

- The children will read and write across a range of text types and genres to include historical story telling, biographical writing and poetry writing skills.
- There will continue to be a strong focus on the process of editing once writing is finished to consider accuracy of spelling, punctuation, word choice and sentence structure
- Grammar skills will be developed within teaching sequences and in stand-alone units of work
- Spelling skills will be developed in regular Early Afternoon Work (EAW's) based on the No-nonsense Spellings.
- Weekly guided reading sessions will develop the skill of inferring information from the text and understanding the writer's skill in order to write more effectively ourselves. Each short unit of work will develop key writing targets which will be displayed on the English wall for clarity.

### Activities

Reading and discussing texts to understand how to write effectively within the genre for your reader.  
Continue to develop editing skills so that key skills of punctuation and spelling are secured and that initial word choices in writing can be strengthened.  
Editing mats to be used both at school and at home to support homework  
Develop a knowledge of key grammatical terms and look for examples of these in our reading and writing  
Continue to develop spelling knowledge through editing work at school and spelling book homework.  
Build a fluent and effective joined handwriting style in order that ideas can be recorded at an efficient speed.

## When the Romans Came

### Art and Music

**Art:**  
The children will develop their skills of colour mixing and painting in order to create mosaic tiles to make traditional Roman art. They will develop 3D skills when creating a miniature Roman shield.

**Music:**  
The children will develop their skills of listening and responding to music, composing and performing using a range of instruments and singing in unison and harmony in weekly lessons with Mr Boxer.

### Mathematics

Number sense – ordering 3 and 4 digit numbers, understanding place value and applying this knowledge to key calculations.  
Additive reasoning – using a range of formal and informal methods to add and subtract 3 and 4 digit numbers and know how to check accuracy of calculations.  
Multiplicative reasoning- knowing the relationship between multiplication and division and solving problems.  
Geometric reasoning – knowing properties of shapes, learning about angles and symmetry.

### Activities

Weekly times table learning as part of homework routine.  
Early morning maths activities to develop speed of recall of number bonds, number facts and written methods of calculating.  
Weekly maths homework task to reinforce the key learning for the week.  
Practical tasks to develop understanding of mathematical concepts – using resources such as number lines, number squares, bead strings and diennes in order to model these concepts in a meaningful way and give the children a clear picture of the maths in their heads.  
Opportunities to use logical methods of checking that numerical answers are correct

### R.E

Children will have the opportunity to study the key features of worship and what worship means to a believer in Christianity and Hinduism. Children will explore the concepts of pilgrimage and sacred places within the contexts of Christianity and Hinduism

### Design Technology

In understanding and applying the principles of a healthy and varied diet, the children will take inspirations from the Roman Era and Italy today to taste, plan and prepare some typical foods from the region.