



# What we are learning... Year 4

**Maths** We are continuing to look at decimals, one and two decimal places, tenths and hundredths. Then we will consolidate children's mental calculations for addition, subtraction, multiplication and division. We will also develop the children's formal written calculations for multiplication and division, including chunking, the bus stop method and a variety of strategies for multiplication. Children will be given opportunities to improve their knowledge of geometric shapes: quadrilaterals and triangles. The children will be interpreting and presenting data using appropriate graphical methods.

**Science** Children will be exploring different states of matter: solids, liquids and gases. The children will have opportunities to investigate changing states of matter when heated or cooled. The children will also be learning about the parts played by evaporation and condensation in the water cycle.

After half term we will be looking at animals, including humans. They will describe the simple functions of the human digestive system and construct and interpret a variety of food chains, identifying producers, predators and prey.

**History** The Romans are our history topic for this term. We will be thinking about who they were, where they came from and when they lived in Britain. The children will be looking at the Roman Empire, its expanse throughout Europe and its impact on Britain, roads, towns, technology, culture and beliefs. They will also study British resistance led by Boudicca. The children will also be visiting St Albans cathedral and taking part in its Roman Festival.

**PE** The children will be practicing their striking and fielding skills with increasing accuracy. They will continue to develop their over and underarm throwing and receiving skills, with a key focus on working as a team and with others. Children will be improving their balance and coordination through participating in simple pilate exercises.

**English** We will be reading myths and legends, stories by the same author as well as a variety of poetry, including poems to perform, kennings and narrative. We will be encouraging children to use exciting language to improve their writing. With a focus on their use of adverbials and the correct punctuation. We will continue to develop children's positive attitudes towards reading by discussing words and phrases that capture the reader's interest and imagination. All children will be encouraged to increase the legibility, consistency and quality of their handwriting.

**Computing** The children will be working on the unit 'We are Toy Designers'. They will work together to design a simple toy that incorporates sensors and outputs and then create an on-screen prototype of their toy in Scratch. Finally, they pitch their toy idea to a Dragons' Den-style panel.

**Geography** This term we will be linking geography to our Roman's topic. Children will learn about the Roman Empire and its growth during the Roman rule. They will use atlases and maps to identify countries involved.

**RE** Continue to understand why, where and how people worship.

**Art and Design** Children will be creating collages using different materials. They will be looking at 3D bowls and their unique designs. Children will be able to experiment with clay and papier mache.



**PSHE** We will be focussing on respect and kindness with peers, parents and others.

**Music** All the learning this term is focused around one song: Stop! - a rap/song about bullying. You will learn about the interrelated dimensions of music through games, singing and composing. After half term the learning will be focused around one song: Lean On Me. The children will explore the music, use games and interrelated dimensions of music (pulse, rhythm, pitch etc.) to understand a different genre of music: soul/gospel.