



# Petersfield Church of England School

## Curriculum Information

*Pine Class, Autumn Term 2025*



**Art:** This term we be learning how to turn flat 2D card shapes into three-dimensional structures and sculptures. Children will experiment with abstract forms and space, build their skills in constructing 3D objects, and develop their understanding of the differences between 2D and 3D art.

**DT:** In this unit, pupils will design their own piece of digital wearable technology. They will develop a program for a Micro:bit and create a suitable housing to protect and display it. Through this project, pupils will combine creativity with coding skills, considering both function and appearance in their designs.

**Music:** Mama Mia, Glockenspiel

**Spanish:** Numbers 1-31, months, dates, birthdays, celebrations.

### History:

We will explore what life was like in the Stone Age, Bronze Age and Iron Age. We will learn about homes, food, tools, and how technology developed over time. By examining evidence and comparing the three periods, we will decide which one we would have preferred to live in and explain why.

### Geography:

We will investigate volcanoes and the reasons why people choose to live near them. We will learn how volcanoes are formed, where they are found in the world, and what happens when they erupt. We will explore the benefits and risks of living close to a volcano, use maps to locate famous examples, and study real-life case studies before deciding whether they would choose to live near a volcano.

### Mathematics

This term we will be focusing on place value, addition and subtraction as well as multiplication and division. We will use a range of practical resources to help support the children's learning of these key skills. We will learn topics in-depth through a range of fluency, problem-solving and reasoning activities. We will learn and be tested weekly on our key multiplication and division facts.



**PSHE:** We will cover various themes this term, including belonging, myself, relationships and feelings.

**RE:** We will interpret and use art to express beliefs about spirituality, inner-self and the soul. We will also look at the many ways which water is used in rituals and ceremonies.

**PE:** The children will participate in various physical activities including problem-solving, communication tactics, dance and hockey.

### Science

**Light and shadows:** children will explore the link between light and darkness, observe reflections and investigate different factors that affect shadows.

**Movement and nutrition:** children will explore the role of skeletons and muscles, learn how the body uses energy and what constitutes a balanced diet.

### English:

For the first part of the term, we will use *Arthur and the Golden Rope* as inspiration for writing our own graphic novels, focusing on discussing and writing ideas, creating freeze-frames, and punctuating speech.

Later in the term, we will read *'The King Who Banned the Dark'* as we work towards writing a persuasive speech. We will extend our range of sentences, using conjunctions to include more than one clause.

### Computing:

**Computer systems and networks:** children will develop their understanding of digital devices by comparing digital and non-digital devices. We will also explore inputs, processes and outputs.

**Creating media – animation:** we will use a range of techniques to create stop-frame animation before applying those skills to create a story-based animation.