



# 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.



## Pine Class Homework Menu

Last year's Homework Project resulted in an incredibly high standard of homework across the school. In the individual presentations, teachers and pupils learnt so much from each other. This term, we continue to set project homework. This menu details a range of fun activities including Oracy project activities that can be completed at home to extend your child's learning. Please help your child to choose and complete a selection of these activities. To fit in with your family life, they can be completed after school, at weekends or as a half term project. If you would like further suggestions, please feel free to select from the homework menus of other classes which are all available on the school Website. Children will be asked to share at least one of the activities with us in school. The deadline for this homework is **Wednesday 12<sup>th</sup> November** and we ask that the homework is not brought into class until after half term. We very much look forward to seeing the work.

### Science

Try making shadow art by placing a toy on the ground outside on a sunny day and drawing around the shadow created.

Trace the shadow of the object at a different time of day and see what you notice!



Create a plate divided into four sections. Label them fruit, grains, protein and vegetables. Cut out magazine pictures and glue them onto your plate to show healthy choices.

### Art & DT

**Prehistoric Jewellery Replicas** – Use salt dough, clay, or foil to create torcs, beads, or pendants inspired by Bronze and Iron Age designs.

**Natural Dyes Project** – Experiment with making dyes from berries, spinach, tea, or onion skins, then use them to colour fabric or paper as prehistoric people may have done.

### English

- Write a graphic novel focusing on punctuating speech accurately and using the illustrations to move the story on. What will your graphic novel be about?
- Write an alternative ending to a book you have read recently. How does the new ending affect the characters?

*Would you prefer to live in the Stone, Iron or Bronze Age?*



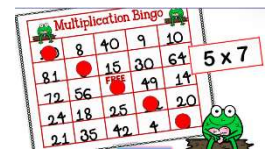
### History & Geography

- Create Bronze Age pottery using air-dry clay. Decorate it with designs similar to those found by archaeologists.
- Make cave art using brown paper or cardboard. Use earthy colours to draw or paint scenes of hunting or animals like woolly mammoths.

### Mathematics

Create a times table bingo game to play with your family. Make bingo cards and questions using the times tables you would like to focus on.

Could you invent your own game to practice your times tables?



### Suggested Reading List

- *Volcanoes* by Anne Schreiber (National Geographic Readers)
- *I Survived the Destruction of Pompeii, AD 79* by Lauren Tarshis
- *Stone Age Boy* by Satoshi Kitamura

### Suggested Family Trips & Visits

- **Museum of Archaeology & Anthropology (Cambridge)** - Hosts the "**Beneath Our Feet: Archaeology of the Cambridge Region**" exhibition, featuring genuine **Neolithic axes, Bronze-Age textile fibres**, and fascinating **Iron-Age artefacts**, offering rich insights into prehistoric life
- **Ely Museum** - Offers engaging **Stone Age to Iron Age workshops**, including handling real and replica artefacts, rope-making, and prehistoric art—all ideal for immersive learning.