

# Our key texts

**Maths:** In maths we are moving on in our learning journey to fractions and converting units. We will be looking at how to add and subtract fractions, compare them and learn how to solve multi-step word problems. We will then move on to multiplying and dividing fractions before finding fractions of amounts. We will also be consolidating our learning on some of the formal methods we learnt last half term. During our numberwork we will focus on arithmetic skills which we need to secure ready for SATs.

**Science:** – In Science we are learning about light and reflection. We will compare sources of light and explain how the eye is protected from light, describe how light travels, look at shadows and how the distance between an object and the surface its shadow is cast on affects the size of the shadow. We will also move on to using ray diagrams and periscopes to describe shadows and how a mirror reflects light.

**Art:** In Art we will be exploring creative photographic techniques, creating new images through photomontage, understanding photorealistic self-portraits, and applying digital photography to art design, enhancing our skills in composition and editing.

**Computing:** Our unit title is computing systems and networks – Exploring AI. We will explore what AI is and how it generates text, images and code, as well as learning about creating and refining prompts to improve AI responses while also considering the ethical implications and its potential to replace human roles.

**French:** Our new French unit is football champions. We will translate some player profiles, construct the sentence, 'I come from [a place]' in French. Understand comprehension questions based on the topic of football and show some competence in answering them.



What are we learning in Year 6?

Autumn 2 2025



**How can I support my child?**

Please continue to ensure your child reads regularly (at least three times per week). Homework is set each Friday to be returned the following Thursday. Please encourage your child to complete this. Don't forget optional activities for Maths and spelling are available on EdShed. Each half term, optional homework activities for the wider curriculum are provided via the homework grid (please see website or paper copy.) Visit our class page on the website to see this half term's knowledge organisers and yearly curriculum map.

**Music:** This half term we will be focussing on developing ensemble skills. We will be listening, composing and evaluating our music choices as we work through this unit. We will also be singing in preparation for Christmas events in November and December with Mr Brown

**PSHE:** We are focussing on our health and wellbeing. We will look at relaxation and strategies to enable us to do this. Look at how we can take care of our physical wellbeing, think about how technology impacts our daily lives. We will look at the words resilience, perseverance and relate these to being our Barnacre Best.

**English:** In English our focus this half term is non fiction. We will be reading a variety of biographies before creating our own independently at the end of the unit. We will be gathering interesting facts and using research to gather the information needed to create our biographies. The grammar we will be incorporating into this unit includes manipulating sentences for effects and building cohesion between paragraphs. We will continue to practice our spelling rules and working on our Y5/6 statutory words.

**Geography:** Why does population change? This is our key question this half term. We will be looking at the population in our local area as well as reading OS maps, thinking about climate change and migration. We will be looking at comparing 2 urban environments and take part in some geographical fieldwork.

**RE:** Our lead question for RE this half term is—Why does religion look different around the world? We will focus on 2 of the main religions—Hinduism and Buddhism. We will learn about Hindu deities, Buddhist teachings and links between different practices.

**PE:** We will be focussing on gymnastics in PE using a new Max Whitlock scheme of work. We will also be focusing on team work and developing our orientation skills. There will also be a booster session for swimming to catch some Y6s up more details to follow.

**Important dates, visits and visitors:**

6th Nov—Parents Evening

21st Nov—INSET Day

27th Nov—Pantomime visit to school

11th Dec—Christmas dinner