

Year 6 Knowledge Map - Advent 1 - 2026

Maths - This term, Year 6 pupils will build on their understanding of number and calculation through a range of practical activities, problem-solving challenges and reasoning tasks. Children will deepen their knowledge of place value, including working with numbers up to millions, and will learn how multiplying and dividing by 10, 100 and 1,000 affects digits within a number.

As the term progresses, pupils will develop efficient mental calculation strategies and apply these to solve increasingly complex problems involving all four operations. They will explore factors, multiples and prime numbers before strengthening their fluency with formal written methods for multiplication and short division. Children will also apply their mathematical understanding to measure and calculate the area of parallelograms and triangles. Throughout the unit, pupils will be encouraged to explain their reasoning, justify their answers and tackle real-life mathematical problems with confidence.

PSHE/RSE - In Year 6, pupils will explore body image, feelings around puberty, emotional changes and online safety. Through age-appropriate discussions and activities, children will develop the confidence and understanding to manage growing up, make safe choices and look after their wellbeing.

RE - In RE, Year 6 will be studying **Creation and Covenant**, exploring the Christian belief that God created the world and the special relationship, or covenant, between God and His people. Children will examine key stories from the Bible, including the accounts of Creation in Genesis, and consider what these teachings reveal about God, humanity and our responsibility to care for the world. Pupils will be encouraged to ask thoughtful questions, reflect on their own beliefs and values, and make connections between religious teachings and everyday life. Through discussion and enquiry, children will develop a deeper understanding of faith, commitment and the importance of relationships within Christianity.

English

Year 6 English Learning Journey

This term, Year 6 pupils will be exploring two exciting texts from the HFL Education English Curriculum, designed to develop their reading, writing, vocabulary and speaking skills.

Narrative Writing: *Night of the Gargoyles* / *Tales of Terror*

Children will immerse themselves in atmospheric and suspenseful stories, studying how authors create tension, mystery and excitement. Through these texts, pupils will learn to use rich descriptive language, varied sentence structures, dialogue and powerful vocabulary to engage their readers. They will write their own narratives inspired by the themes of adventure, suspense and the supernatural.

Non-Chronological Report: *Planetarium*

Using the fascinating text *Planetarium*, children will develop their research and non-fiction writing skills. They will learn how to organise information into clear sections, use formal language, and present facts effectively. The topic will provide opportunities to explore the wonders of space while creating engaging and informative reports.

Throughout the unit, pupils will build their reading comprehension, vocabulary and writing stamina, while learning how authors carefully craft texts for different purposes and audiences. We look forward to sharing some of their fantastic writing with you over the term.

Key Dates

- 15.9.26-Family Maths games 8:45-9:15 families invited.
- 16.9.26-Jeans for genes day, children to come to school dressed in jeans and bring £1.
- 25.9.26-Family reading 8:45-9:15 families invited.
- 29.9.26-School photographs.

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Science Light

This half term, Year 6 will be learning about **Light** and exploring how we see objects, how light travels, and how shadows are formed. The children will investigate different light sources, discover how light reflects from surfaces, and learn how our eyes work together with light to help us see the world around us. Through practical investigations and experiments, pupils will develop their scientific enquiry skills by making predictions, recording observations, and drawing conclusions from their findings.

What will we be doing?

- Identifying natural and artificial light sources.
- Learning how light travels in straight lines.
- Exploring reflection using mirrors and other reflective materials.
- Investigating how shadows are formed and how their size changes.
- Understanding how we see objects and colours.
- Carrying out practical scientific investigations and presenting results.

By the end of the topic, children will have a secure understanding of the importance of light in everyday life and how scientific knowledge helps explain the world around them.

Our School Prayer

Lord give me a kind and honest heart.

Sacred Heart of Jesus

I place all my trust in you

Amen



Please can children remember to bring a named **water bottle** into school .



Spanish

Our Modern Foreign Language will be Spanish. In our Spanish lessons we will be learning to recognise and respond to different greetings and learning rhymes .

History - Census

In History, Year 6 will be exploring **The Census** and discovering how census records help us learn about life in the past. Children will investigate how historians use census data to find out about people's jobs, homes, families and communities. They will compare different periods of history, analyse evidence and consider how society has changed over time. Through this enquiry-based topic, pupils will develop their historical skills by asking questions, interpreting sources and drawing conclusions about the lives of people who lived in the past. This fascinating topic will help children understand how important historical records can be in helping us uncover the stories of previous generations.



Scan me

Art

In Art, Year 6 will be following the Kapow Primary Art and Design Curriculum, with a focus on photography and photographic opportunities. Children will explore different types of photographs, learning how photographers use composition, lighting, angle, perspective and framing to create effective images. They will investigate the work of photographers, develop their observational skills and experiment with taking and editing their own photographs. Throughout the unit, pupils will be encouraged to think creatively and critically about how images can communicate ideas, tell stories and capture the world around them. We look forward to seeing their creativity develop through this exciting and modern art topic.

PE - On Thursdays , come to school dressed in your PE kit. Please wear black joggers, maroon PE shorts and a white T-shirt.