Maths

- **Place Value:** read, write, order and compare numbers up to 10,000,000; rounding and negative numbers.
- **Addition and Subtraction:** performing mental calculations including with mixed operations and larger numbers, column addition and subtraction used in multi-step problems in context, deciding upon which is best to use and why.
- **Multiplication and Division:** multiplying numbers up to 4 digits by a 2-digit whole number using the formal written method of long multiplication.; dividing numbers up to 4 digits by a 2-digit whole number using the formal written method of long division; identifying common multiples, common factors and prime numbers; performing mental calculations with mixed operations and large numbers and multiplying and dividing by 10, 100 and 1,000 giving answers up to three decimal places.
- **Fractions:** compare and order fractions, add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions; multiply simple pairs of fractions and divide fractions by whole numbers.

Reasoning and Problem Solving will be covered in all of the areas above.



Wider Curriculum

- **History*:*** Year 6 children will be conducting an in-depth study of the Victorians, identifying the impacts of the Industrial Revolution on life in Britain at the time.
- **Geography*:*** The children will compare and contrast world climate zones and biomes, identifying what makes each of them unique.
- **Art*:*** In Art, Year 6 will develop their drawing techniques, focussing particularly on how to use light and dark to add line and texture to an image to show movement.
- **DT:** In D and T, Year 6 will explore different bridge structures and strengthening techniques before making their own bridge structure for a real-life purpose.
- **Music*:*** Our unit 'Happy' focused around the famous Pharrell Williams song will develop the children's ability to listen and appraise, improvise and compose their very own track.





BLAYDON WEST

Year 6

Autumn Term Overview

Science

Electricity: Children will build upon their Year 4 learning by identifying universal symbols for electrical components, drawing scientifically accurate circuit diagrams and testing the impact of voltage on the brightness of a bulb.

Looking After the Environment: Through this topic, Year 6 will explore the impacts of climate change on our world today and the ways in which governments are working to reduce the effects.



PE



This term, Year 6 will develop a range of physical skills through teamwork and Outdoor Adventurous Activities (OAA), fitness circuits, dance, and throwing and catching games. They will work on improving their coordination, stamina, strength and movement skills, while developing important qualities such as teamwork, communication and resilience.

Computing

This term, Year 6 will explore how data is transferred over the internet and how to create a webpage.

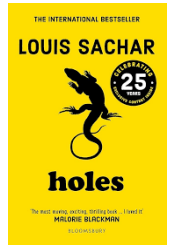
English

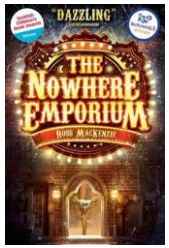
- **Writing*:*** A range of different genres will be explored this term to enable the children to utilize grammatical skills with purpose. Year 6 has a significant focus on using skills to create an effect, which will be developed in their writing of genres such as persuasive holiday brochures.



- **Spelling*:*** Children will work on learning the Year 5/6 statutory spelling words whilst also continuing to learn Year 6 spelling rules including the infamous 'i before e, except after c'. Children will be assessed on their understanding of them in their writing.
- **Reading*:*** In reading lessons, children will focus on developing their inference and deduction skills, as well as exploring why the author has chosen to use particular vocabulary to create a particular effect.

Core Texts





World Views



This term, Year 6 will investigate two key questions: What is the best way for a Muslim to show commitment to God? How significant is it that Mary was Jesus' mother?

PSHE

During their PSHE lessons, the children will learn through the units 'Being In My World' and 'Celebrating Difference'. They will create goals for Year 6.



Year 6 Autumn Term Trips and Visits

To support your child's learning this Autumn term, the following educational trips have been arranged. Each will provide a valuable experience to enhance their understanding of different curriculum areas and the teaching of such areas in school. *Please give your permission for your child attend, via Arbor, as soon as possible.*



Date	Venue	Challenge Curriculum link	Additional Information
06.10.2026	STEMFest	Science / Computing	School uniform Coat Packed Lunch Water Bottle
TBC	Waste and Recycling Centre, Gateshead	Science/Geography	School uniform Coat Hat/Gloves (if cold)

Contact Us



Should you require any further information or have any queries, please do not hesitate to contact via email to year6@blaydonwest.gateshead.sch.uk