

Year 6 Autumn 1 2025

Maths

Place Value and the Four operations ($\times$ + - and $\div$)

Order and compare numbers to 10,000,000

Read and write numbers to 10,000,000

Powers of 10

Number lines to 10,000,000

Rounding any integer (nearest 10, 100 and 1,000)

Add and subtract integers

Common factors and multiples

Rules of divisibility

Prime numbers to 100

Square and cube numbers

Long multiplication

Short Division

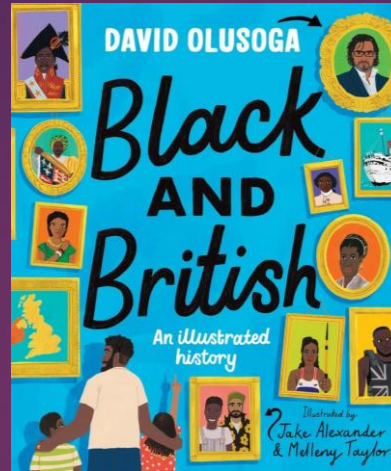
Dividing using factors

Long division (including remainders)

Worded problems (including multi-step)

Order of operations (BODMAS)

English



Outcomes:

An information text about Walter Tull.

A narrative describing the setting of Pandora.

Key Vocabulary

Pioneering

Adversity

Bioluminescent

Sacred

Amateur

Posthumously

Na'vi

Reverberating

Diverse

Emigrated

Uninhabitable

Reverence

Reading

During guided reading lessons, children have been reading Crater Lake by Jennifer Killick. The story follows students of Montmorency Primary as they embark on a school residential trip to Crater Lake Activity Centre. However, not everything is as it seems.....

The children have enjoyed the book so much that many have even bought the sequel: Crater Lake Evolution.



Wow Event

Geography - Local Area census study

Art - XMAS4SCHOOLS Fundraiser

Year 6 Autumn 1 2025

Suggested Home Learning

Spelling Shed - weekly assigned spellings + spelling games
 Century Tech - Assignments + Pathway (personalised)
 Timetable Rockstars
 Hit The Button - number facts
 Collins eBooks
 My USO Uploaded Worksheets
 CGP Books

Cultural Capital:

Woodland Trusts parks
 National Trust sites (one free a year)
 VeloPark Stratford - bike riding
 Museum Visits
 Library Visits
 Theatre/Cinema
 Holiday Megamix - activities under £5

History

In History we have been using census documents and other sources to explore what life was like during the reign of Queen Victoria, including a look at: child labour, patriarchy and the suffragettes.

Science

In Science children have been learning about living things and how to classify them using scientific vocabulary such as vertebrates, invertebrates, cold blooded and warm blooded.

Art

In Art, children have enjoyed exploring and designing their own street Art. Children have debated the positive and negative connotations of the art form and have practised skills such as up-scaling to create their own political message about the environment.

RE

In RE children have been studying the teachings of Sikhism and where their values derive from. Children have explored stories about Sikhism's founder, Guru Nanak, whilst also researching the key components of the Gurdwara.

Autumn 1	History	First Week Back	What can the census tell us about local areas?
	Science		Living things: Classifying big and small
	Art		Street Art
	PSED		Living in the wider world Belonging to a community, Media literacy & Digital resilience and Money & Work
	RE		What does it mean to be a Sikh?
	PE		Games: Tag Rugby
	Computing		Computing Systems and Networks: Bletchley Park and the history of computers
	Music		Keyboard Part 1: Classical piano composers.

Year 6 Autumn 2 2025

Maths

Fractions and Measurement

Equivalent fractions and simplifying

Equivalent fractions on a number line

Compare and order fractions by denominator

Compare and order fractions by numerator

Add and subtract simple fractions

Add and subtract any two fractions

Add mixed numbers

Subtract mixed numbers

Multi-step problems

Multiply fractions by integers

Multiply fractions by fractions

Divide a fraction by an integer

Divide any fraction by an integer

Mixed questions with fractions

Find fractions of an amount

Find the whole using a fraction of an amount

Metric measures

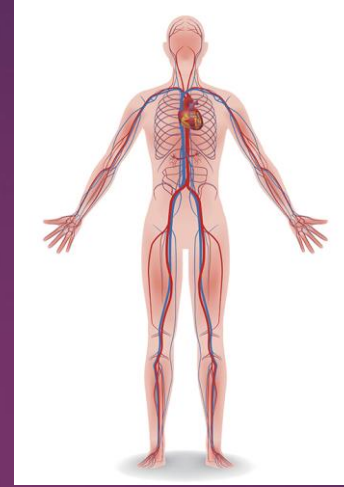
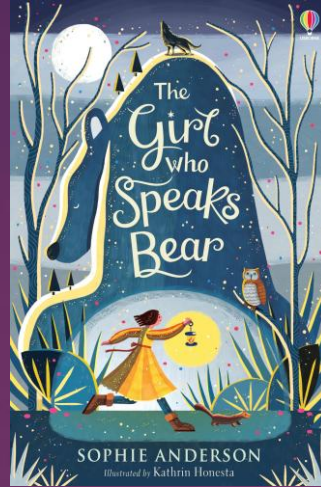
Converting metric measures

Calculating with metric measures

Converting between miles and kilometres

Imperial measures

English



Outcomes:

A narrative focusing on describing characters.

An entry for a scientific journal on the circulatory system.

Key Vocabulary

Baba Yaga
Poignant
Circulatory
Chamber

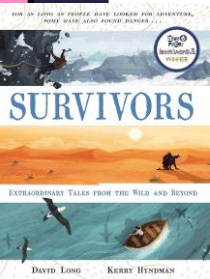
Mythology
Self-discovery
Arteries
Glands

Slavic
Wisdom
Vessels
Blood pressure

Reading

During guided reading lessons, children have continued to read *Crater Lake* by Jennifer Killick. The story follows students of Montmorency Primary as they embark on a school residential trip to Crater Lake Activity Centre. However, not everything is as it seems.....

Children will also begin a new book called 'Survivors', a series of short stories about real life survival.



Wow Event

RE - trip to the Karamsar Gurdwara in Ilford.

A trip to the Redbridge Museum to study the history of the local area.

Dragon's Den Design Day

Year 6 Autumn 2 2025

Suggested Home Learning

Spelling Shed - weekly assigned spellings + spelling games
Century Tech - Assignments + Pathway (personalised)
Timetable Rockstars
Hit The Button - number facts
Collins eBooks
My USO Uploaded Worksheets
CGP Books

Cultural Capital:

Woodland Trusts parks
National Trust sites (one free a year)
VeloPark Stratford - bike riding
Museum Visits
Library Visits
Theatre/Cinema
Holiday Megamix - activities under £5

Geography

During Geography, children will be learning about changing populations, the reasons behind migration and why the demographics of an area change. They will also explore the causes of climate change and its impact on the global population.

Science

In Science, the children will be learning about the heart and circulatory system. They will explore the vital roles they play in transporting oxygen and nutrients around the body and how this occurs.

DT

In DT, children will be responding to a brief from Aria who is a business owner of an Outdoor and Adventure company. Aria has recognised a gap in the market for a new 'four-in-one' electrical component for those who like to explore the great outdoors. Can the children design a product that meets the brief? Let's find out!

RE

In RE, the children have continued to study the teachings of Sikhism and where their values derive from. Children will get the chance to visit the Karamsar Gurdwara in Ilford which will include experiencing the langar, while also learning about the 5 K's of Sikhism.

Autumn 2	Geography	Why does population change?
	Science	Animals Including Humans: Circulation and Health
	DT	Digital world: Navigating the world
	PSHE	Living in the wider world Belonging to a community, Media literacy & Digital resilience and Money & Work
	RE	What does it mean to be a Sikh?
	PE	Dance
	Computing	Data Handling
	Music	Keyboard Part 2: Ragtime and Scott Joplin