

# Year 6 - Spring 1 2026

## Maths

### Ratio, Algebra and Decimals

#### Ratio

- Step 1 Add or Multiply?
- Step 2 Use ratio language
- Step 3 Introduction to the ratio symbol
- Step 4 Ratio and fractions
- Step 5 Scale drawing
- Step 6 Use scale factors
- Step 7 Similar shapes
- Step 8 Ratio problems

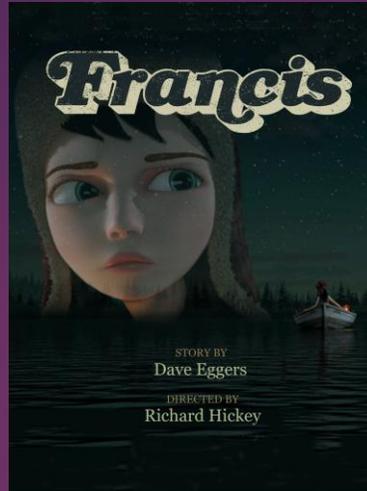
#### Algebra

- Step 1 1-step function machines
- Step 2 2-step function machines
- Step 3 Form expressions
- Step 4 Substitution
- Step 5 Formulae
- Step 6 Form equations
- Step 7 Solve 1-step equations
- Step 8 Solve 2-step equations

#### Decimals

- Step 1 Place value within 1
- Step 2 Place value – integers and decimals
- Step 3 Round decimals
- Step 4 Add and subtract decimals
- Step 5 Multiply by 10, 100 and 1,000
- Step 6 Divide by 10, 100 and 1,000
- Step 7 Multiply decimals by integers
- Step 8 Divide decimals by integers
- Step 9 Multiply and divide decimals in context

## English



<https://www.youtube.com/watch?v=I9xX6lQgdY>

**Outcomes:**  
A suspenseful narrative

**Purpose - to entertain**  
**Audience - older children**

### Key Vocabulary

Isolation Remote Rebellion Aurora Borealis  
Suspense False sense of security Malevolent

## Reading

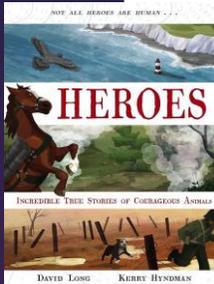
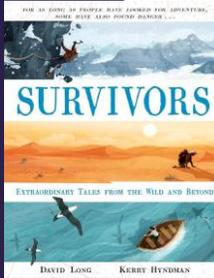
During guided reading lessons, children will be reading 'Survivors' by David Long. The book explores people who have survived perilous situations when the odds are stacked against them.

The book contains real life stories such as: 'The man who cut off his own arm' and 'The man who drank his own wee'!

Find a free sample below:

<https://www.lovereadings4kids.co.uk/extract/13381/Survivors-by-David-Long.html>  
<https://www.lovereadings4kids.co.uk/extract/13381/Survivors-by-David-Long.html#david%20long%20heroes>

Children can also check out his other books 'Heroes' and 'Rescue'.



### Wow Event

History Stunning start day -  
WW2 dress up

RE - Gurdwara Trip

# Year 6 - Spring 1 2026

## 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  
 Maths bot arithmetic tests

### 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  
 Events at the Copperbox

### History - What was the impact of World War 2 on the people of Britain?

In this unit, children learn about how the war affected everyday life at home. They explore topics such as evacuation, rationing, the Blitz and the changing roles of women; using a range of historical sources like photographs, letters and propaganda. Pupils develop their understanding of cause and consequence and consider how the war brought both hardship and change for people living in Britain, helping them build empathy and a deeper understanding of this important period in history.

### Art - Craft and design: Photo opportunity

In this unit, children build their photography and creative design skills by exploring how to make interesting images. They learn about photomontage, how to combine and edit photos and how to use composition, light and props to take more effective pictures. Pupils also apply photography in different ways, such as creating photorealistic self-portraits and using digital tools to manipulate images. Throughout the unit they practise choosing, arranging and editing images, and develop confidence using cameras and software to express their artistic ideas.

### Science – Evolution and Inheritance

In this unit, children are taught that living things produce offspring of the same kind, but that offspring are not identical to their parents and show variation. Children learn that some characteristics are passed from parents to their children, helping explain why families look similar but not the same. This learning links to ideas about how plants and animals are suited to their environments and how living things can change over long periods of time. Children will be using Charles Darwin's study of the Galapagos finches to enhance their understanding.

### RE – What does religion say when life gets tough?

In this unit, children will study a range of religious beliefs about the afterlife and why people turn to religion in times of difficulty. Children will also study how religion guides people to leading good lives and what funerals look like in different practises.

Spring 1	History	What was the impact of World War 2 on the people of Britain?
	Science	Living things: Evolution and inheritance
	Art	Craft and design: Photo opportunity
	PSHE	Relationships
	RE	What does religion say when life gets tough?
	PE	Games: Hockey
	Computing	Introduction to AI
	Music	Minimalism

# Year 6 - Spring 2 2026

## Maths

### FDP, Measure and Statistics

#### Fractions, Decimals and Percentages

- Step 1 Decimal and fraction equivalents
- Step 2 Fractions as division
- Step 3 Understand percentages
- Step 4 Fractions to percentages
- Step 5 Equivalent fractions, decimals and percentages
- Step 6 Order fractions, decimals and percentages
- Step 7 Percentage of an amount – one step
- Step 8 Percentage of an amount – multi-step
- Step 9 Percentages – missing values

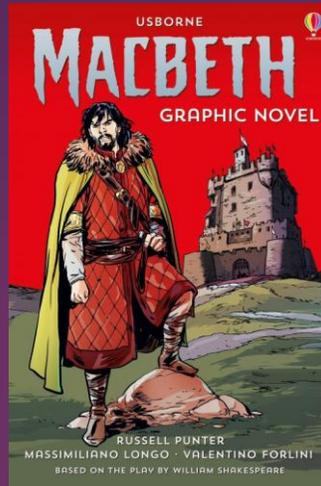
#### Area, Perimeter and Volume

- Step 1 Shapes – same area
- Step 2 Area and perimeter
- Step 3 Area of a triangle – counting squares
- Step 4 Area of a right-angled triangle
- Step 5 Area of any triangle
- Step 6 Area of a parallelogram
- Step 7 Volume – counting cubes
- Step 8 Volume of a cuboid

#### Statistics

- Step 1 Line graphs
- Step 2 Dual bar charts
- Step 3 Read and interpret pie charts
- Step 4 Pie charts with percentages
- Step 5 Draw pie charts
- Step 6 The mean

## English



<https://www.bbc.co.uk/teach/class-clips-video/articles/zdt42sg>

### Outcomes:

Narrative with focus on dialogue  
Purpose - to entertain  
Audience - Older readers

### Key Vocabulary

Betrayal Deception Vision Greed  
Power struggle Supernatural Ambition

## Reading

Onyeka and the Academy of the Sun follows Onyeka, a British-Nigerian girl who discovers that her tightly coiled hair holds powerful magical energy linked to her heritage. When her mother falls ill, Onyeka travels to Nigeria to attend the Academy of the Sun, a hidden school where children learn to control their powers. As Onyeka trains, she uncovers secrets about her family, the Academy, and a dangerous plot that threatens everyone with abilities like hers. The story is about identity, courage, friendship and embracing who you are, as Onyeka learns to believe in herself and her power.



### Wow Event

History - Trip to Redbridge Museum  
World Book Day 2026  
British Science Week 2026  
Dragon's Den Day

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## Suggested Home Learning

Spelling Shed - weekly assigned spellings + spelling games  
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 CGP Books

### Cultural Capital:

Woodland Trusts parks  
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 VeloPark Stratford - bike riding  
 Museum Visits  
 Library Visits  
 Theatre/Cinema  
 Holiday Megamix - activities under £5  
 Events at the Copperbox

### Geography – Where does our energy come from?

Children will learn about the different sources of energy we use today, including fossil fuels and renewable energy such as: wind, solar and water power. They explore where energy comes from, how it is produced and how it is used in everyday life. Pupils also consider the environmental impact of different energy sources and discuss why renewable energy is becoming increasingly important for the future, helping them develop their understanding of sustainability and global responsibility.

### Science – Electricity

Children will build on their knowledge of electricity by investigating how circuits work. They learn to identify and use symbols to draw circuit diagrams, explore how switches control circuits and test how changing components (such as batteries or bulbs) affects brightness and function. Through practical investigations, pupils develop their scientific enquiry skills, learning to make predictions, test ideas safely and explain how electrical circuits are used in everyday devices.

### DT – Come Dine With Me

In this unit children learn how to plan and prepare a balanced meal for a specific purpose and audience. They develop practical cooking skills such as measuring, chopping and using kitchen equipment safely, while also learning about healthy eating and where food comes from. The unit encourages children to think about nutrition, teamwork and presentation, building confidence and independence in the kitchen as they design, make and evaluate their own dishes.

### RE - Why do people make vows and commitments to one another?

In this unit children will look at marriage and the reasons why people choose to get married. Children will also look at what wedding ceremonies look like across different religions and what guidance religion gives when making the choice to get married or not.

<b>Spring 2</b>	<b>Geography</b>	Where does our energy come from?
	<b>Science</b>	Electricity
	<b>DT</b>	Cooking and Nutrition: Come Dine With Me
	<b>PSHE</b>	Health and Wellbeing
	<b>RE</b>	Why do people make vows and commitments to one another?
	<b>PE</b>	Outdoor and Adventure
	<b>Computing</b>	Coding: Exploring Python
	<b>Music</b>	Minimalism Continued