



# Year 6

## AUTUMN 2

Cottingley  
Village  
Primary School



### English

This half term, Year 6 will be exploring two exciting units of writing. In our report unit, inspired by *Darwin's Voyage of Discovery* by Jake Williams, pupils will research and create a non-chronological report about the fascinating wildlife of the Galapagos Islands. In our non-fiction unit, based on *Human 2.0: A Celebration of Human Bionics* by Patrick Kane, they will develop their skills in crafting a balanced argument, debating the question: *Should humans be upgraded?* These units will help pupils build their research, critical thinking, and persuasive writing skills in engaging and thought-provoking ways.

### Key text this half term

The children will read



### Maths



This half term in maths, Year 6 will be building confidence with fractions, measures, and ratio and proportion through a range of practical and problem-solving activities. They'll explore how fractions relate to each other by simplifying, comparing, and ordering them, before moving on to adding, subtracting, multiplying and dividing fractions in real-life contexts. The children will then apply their skills to measures, converting between units and working with both metric and imperial systems. To finish, they'll discover how ratio and proportion can be used to compare quantities, scale drawings, and even adapt recipes — bringing maths to life in meaningful and engaging ways.

### Science

In science this half term, Year 6 will be exploring how living things are grouped and classified. They'll investigate the conditions needed for life, learn how to sort plants and animals into groups, explore the fascinating world of microorganisms, and discover the work of Carl Linnaeus, who developed the classification system we still use today.

# Spellings

Here are the spellings for Autumn 1 to practice at home.



Please login to spelling shed and complete the assignments on a weekly basis.

Challenge Words 6.8				
apparent	parliament	soldier	guarantee	especially
vegetable	recommend	curiosity	lightning	committee
organism	excretion	reproduction	media	rite
passage	trade	globalisation	contemporary	inspiration

Challenge Words 6.9				
communicate	appreciate	exaggerate	vehicle	marvellous
definite	relevant	stomach	harass	persuade
vertebrate	invertebrate	amphibian	reptile	purpose
ceremony	import	export	highlight	outline

Challenge Words 6.10				
yacht	restaurant	attached	excellent	community
hindrance	desperate	physical	sufficient	mischievous
classification	mollusc	arachnid	preview	sacred
manufacture	supply	chain	medium	landscape

Words with the short vowel sound /i/ spelled 'y'				
crystal	antonym	oxygen	symbol	mystery
symptom	system	typical	lyrics	rhythm
deciduous	evergreen	coniferous	device	responsibility
valuable	resources	primary	secondary	tertiary

Words with the long vowel sound /igh/ spelled 'y'				
apply	recycle	occupy	rhyme	hyphen
hygiene	multiply	identify	supply	python
microorganism	bacteria	virus	fungi	navigation
adulthood	Fairtrade	producer	analogue	harmony

Words with the prefix 'over-'				
overturned	overlooked	overbalanced	overreact	overpaid
overcoat	overcook	overthrow	overtired	overslept
microscope	evaluate	complimentary	colour	value
economy	numerator	denominator	integer	simplify

Words with the suffix '-ful'				
fearful	plentiful	boastful	merciful	fanciful
beautiful	doubtful	thankful	pitiful	faithful
implication	embed	unit	measurement	imperial
metric	convert	mile	kilometre	evaluate

## The Wider Curriculum



**Geography** - This half term in geography, the children will explore the fascinating topic of global trade. They will learn how trade has evolved from local exchanges to a global system connecting people worldwide. Through activities like mapping food origins, creating trade timelines, and examining supply chains, pupils will gain insight into how goods are produced, transported, and sold. They will also investigate the UK's exports, interpret trade data, and understand patterns of global trade. Finally, pupils will consider the importance of fair trade and global citizenship.

**Art** - This term, our children will create collaborative landscape art inspired by David Hockney. They will build on their colour mixing skills from KS2, learn to use lines for movement and form, and how to use 3D features within their pieces to add depth and perspective.

**Computing** - This half term, we will be exploring variables in programming. We will learn what variables are, how they work in real-world contexts, and how to use them in coding. Through a mix of experimentation, modification, and creation, we will develop a scoreboard simulation and design our own projects. By the end of the unit, we will apply our knowledge to improve and refine our games, enhancing our coding and problem-solving skills.

**R.E** - In RE this half term, Year 6 will be exploring rites of passage and the big questions they inspire. They'll learn how important life events can lead people to reflect, find meaning, and sometimes change their outlook. The children will also discover how beliefs and emotions are expressed in powerful ways through art, music, stories, drama and movement.

**French** - This half term in French, Year 6 will continue building vocabulary for getting around town while exploring the city of Paris. They'll practice giving simple directions using the imperative form of verbs and discover some of Paris's most famous attractions. The term will finish with a cultural lesson on French Christmas markets, combining language learning with a taste of French traditions.

**P.E.** - This half term in PE, Year 6 will develop a range of multi-sport and multi-skill abilities. They will focus on ball skills like passing, dribbling, shooting, and defending, while also learning dodgeball, rugby, and safe batting techniques. Pupils will work on agility, jumping, and evasion, understanding how their muscles are used, all while building teamwork, control, and confidence in a variety of games.



## PSHE - SCARF Including Online Safety

In PSHE this half term, Year 6 will be learning about valuing and respecting differences. They'll explore how we have more in common than we might think, the importance of tolerance and respect, and how friendships can be influenced by the world around us. The children will also discuss and challenge gender stereotypes, helping them build understanding, empathy, and confidence in celebrating diversity.

## Reminders

The children have PE on Tuesdays and Thursdays.

## Dates for your diary

School Opens: 3<sup>rd</sup> November

Trip to Saltaire: 7<sup>th</sup> November

Children in Need Day: 14<sup>th</sup> November

KS2 Christmas Celebration at Church: 18<sup>th</sup> December