

Year 6 Autumn 2 Spellings Group 1

How it works:

These are the spellings your child will see each week on Spelling Shed. Each Friday your child will see a new list of spellings to learn at home. A dictation will take place the following Wednesday to test how well your child has learned their spellings. Your child's spelling score will be sent home in the front of their CGP homework book.

Week 1 Words with a soft c spelt 'ce'	Week 2 Challenge words	Week 3 Words with the /f/ sound spelled 'ph'	Week 4 Challenge words	Week 5 Words with the suffix '-ably'	Week 6 Words with the suffix '-ible'
prejudice	achieve	alphabet	aggressive	adorably	forcible
sacrifice	bargain	elephant	bruise	believably	horrible
hindrance	controversy	dolphin	convenience	changeably	incredible
celebrate	disastrous	graph	embarrass	comfortably	legible
certificate	foreign	pamphlet	forty	considerably	possible
cemetery	interfere	pheasant	interrupt	dependably	responsible
deceased	nuisance	phone	occupy	noticeably	reversible
December	programme	photo	pronunciation	reasonably	sensible
necessary	secretary	physical	shoulder	tolerably	terrible
nuisance	temperature	sphere	thorough	valuably	visible



Year 6

Topic

Homework

Autumn 2

**Our Topics are
Victorian Britain
and Australia**

Useful Google searches:

BBC Bitesize

Optional Topic Homework

How it works:

You will get four house points for handing in one of the Topic tasks by Friday 9th January 2026.

You can present your homework in the style of your choice.



- Compare and contrast Birmingham with Sydney. Think carefully about:
 - Location in the country
 - Climate
 - Leisure activities
- Create a timeline of significant events in Australia's history.
- Research a famous Australian. What was their most significant achievement?
- Create a model of Sydney Opera House.



Great places to visit:

- Blists Hill
- Cadbury World
- Birmingham Museum and Art Gallery



Dear parent/carers

As part of our development of maths fluency and number recall, we have a Key Instant Recall Fact (KIRF) focus each half term for each year group. These are number facts the children need to recall fluently. In school, within the mental maths sessions, one objective will be practised for each half term in order for children to really embed and learn the facts quickly and deeply.

In order for the children to practise these at home as well, we are providing you with an information sheet, which explains the KIRF in more detail, with examples of what it looks like, games to play and websites to visit. The idea is that you can help them recall the facts little and often and work with us to ensure our children are as fluent with recalling number facts as they can be.

Many thanks,
Mrs Pickering -Ernst
Assistant Headteacher and Maths Lead

KIRF's Key Stage Two Overview

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Three	Multiplication and division facts for 3 times table	Counting in 4's and 8's	Multiplication and division facts for 4 times table	Multiplication and division facts for 8 times table	Use known multiplication facts to find facts scaled by 10 <i>For example:</i> $5 \times 3 = 15$ $50 \times 3 = 150$	Number bonds to 100
Four	Multiplication and division facts for 6 times table	Multiplication and division facts for 9 times table	Multiplication and division facts for 7 times table	Multiplication and division facts for 12 times tables	Multiplication and division facts for 11 times tables	Use known multiplication facts to find facts scaled by 100 <i>For example:</i> $5 \times 3 = 15$ so $500 \times 3 = 1500$
Five	Multiplication and division facts for all numbers up to 12×12	Use known multiplication facts to find facts scaled by tenths or hundredths <i>For example:</i> $5 \times 3 = 15$ $0.5 \times 3 = 1.5$	Factors pairs of whole numbers (recognising prime numbers to 20)	Decimal pairs to 1 <i>For example:</i> $0.7 + 0.3 = 1$ $0.12 + 0.82 = 1$	Square numbers and the number squared	Doubles and halves of numbers to 100
Six	Multiplication and division facts for all numbers up to 12×12	Multiply and divide numbers by 10, 100 and 100 up to 3 decimal places	Use known multiplication facts to derive facts scaled by tenths and hundredths <i>For example:</i> $5 \times 3 = 15$ $0.5 \times 30 = 15$	Common multiples and factors pairs of whole numbers	Recall prime numbers to 20 and know prime numbers to 100	Doubles and halves of numbers to 1000

Key Instant Recall Facts (KIRF's)

Year 6 Autumn 2

Key Instant Recall Facts are number facts that we want our children to be fluent with and able to recall instantly.

By the end of this half term children in year 6 should be able to

Multiply and divide numbers by 10, 100 and 1000
up to 3 decimal places

What this looks like:

HTh	TTh	Th	H	T	O	
				1	6	

16×100
 $16 \times 1,000$

$52 \times \square = 5,200$
 $95 \times \square = 950$

$1.87 \times 10 = \square$
 $8.93 \times 10 = \square$
 $2.56 \times 10 = \square$

Each digit moves 3 place to the right because dividing by 1000 decreases the number.

	$\times 10$	$\times 100$	$\times 1000$
5.7			
23.02			

Practical ideas

Get an adult to write 10 questions- how quickly can you calculate the answers.

Roll a 3 digit number and divide it by 10, 100 and 1000.

Play Pairs: write some questions and answers on post-its. Face them down. The person who finds the most pairs wins.

Vocabulary

multiply
divide
scale
times bigger
times smaller
tenth
hundredth
thousandth
value

Online games

[Moving Digit Cards - 7-14 year olds - Topmarks](#) (2dp and 3dp) Aimed to practise the skill of multiplying

[Multiplying Decimals Basketball Game \(math-play.com\)](#)

The secret to success is practising **little and often**. Can you practise these KIRFs while walking to school or during a car journey? You do not need to practise them all at once; perhaps you could have a **fact of the day**. If you would like more ideas, please speak to your child's teacher.