Year 6 Autumn 2 Spellings Group 2

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 Works with the suffix '-ably'	Week 6 Words with the suffix '-ible'
prejudice	address	alphabet	accidentally	adorably	terrible
sacrifice	mention	elephant	breathe	believably	horrible
hindrance	arrive	dolphin	century	changeably	incredible
celebrate	occasionally	photo	eight	comfortably	sensible
certificate	certainly	graph	consider	considerably	possible
cemetery	probably	phone	guard	dependably	responsible
deceased	experience	surprise	heard	guide	forwards
December	reign	separate	peculiar	possess	accident
necessary	history	twelfth	possible	develop	average
nuisance	sentence	government	quarter	ancient	variety

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 For example: 5 x 3 = 15 50 x 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 For example: 5 x 3 = 15 so 500 x 3 = 1500
Five	Multiplication and division facts for all numbers up to 12 x 12	Use known multiplication facts to find facts scaled by tenths **or** hundredths For example: 5 x 3 = 15 0.5 x 3 = 1.5	Factors pairs of whole numbers (recognising prime numbers to 20)	Decimal pairs to 1 For example: 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 x 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 For example: 5 x 3 = 15 0.5 x 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 <u>end of this half term children in year 6</u> 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 × 1,000

52 × ☐ = 5,200

95 × ☐ = 950

1.87 × 10 = _____
8.93 × 10 = _____
2.56 × 10 = _____

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

3	0	2	0	.	0	
→			3	.	0	2

	× 10	× 100	× 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.