



Summary of Yearly Key Instant Recall facts Term by Term

	Reception	Year 1	Year 2
Autumn 1	Say the number names in order to 5.	Know all the number bonds to 5.	Know all number bonds to 20.
Autumn 2	Say the numbers in order to 10.	I know number bonds to 10	Know multiplication and division facts for 10x table.
Spring 1	Be able to partition numbers to 5 into two groups.	Know all number bonds to 10.	Know multiplication and division facts for 2x
Spring 2	Count in 10s.	Know one more and one less with numbers up to 20 .	Know the doubles and halves of all numbers to 20.
Summer 1	to know the days of the week	Know all doubles and halves to 10.	Know multiplication and division facts for 5x tables.
Summer 2	Count in 2s.	Tell the time using o clock and half past Count forwards and backwards in steps of 2, 5 and 10	Tell the time using quarter past and quarter to



Year 1: Summary of Key Instant Recall Facts

Counting and Place Value	Number Bonds	Addition and Subtraction
<ul style="list-style-type: none"> • Count to and across 100, forwards and backwards, from any given number • Count forwards and backward in steps of 10 • Count forwards and backward in steps of 2 • Count forwards and backwards in steps of 5 • Given a number, identify one more and one less • Read and write numbers to 20 (numerals and words) 	<ul style="list-style-type: none"> • Know all number bonds to 5 • Find patterns in number bonds to 5 • Know all number bonds to 10 • Find patterns in number bonds to 10 • Know all addition facts for all numbers between 0 and 10 • Know all subtraction facts for all numbers between 0 and 10 • Understand missing number calculations 	<ul style="list-style-type: none"> • Add a one digit number to a two – digit number to 20 • Subtract a one digit number from a two-digit number to 20 • Add numbers to 10 • Subtract numbers to 10 • Add numbers to 20 • Subtract numbers to 20 • Add a multiple of 10 to a two digit number (using a 100 square, number line, Numicon) • Solve missing number calculations • Understand the effect of adding and subtracting 0
Doubling and Halving	Multiplication and Division Facts	Measures
<ul style="list-style-type: none"> • Know all doubles to 10 • Know all halves to 10 	<ul style="list-style-type: none"> • Multiplying by 10 (10 times table) 	<ul style="list-style-type: none"> • Know the seasons in order • Know the months of the year in order • Tell the time at O'clock and half past



Key Instant Recall Facts

Year 1 – Autumn 1

I know number bonds to 5

By the end of this half term, children should know the following facts. The aim is for them to recall these facts **instantly**.

$0 + 1 = 1$

$1 + 0 = 1$

$0 + 2 = 2$

$1 + 1 = 2$

$2 + 0 = 2$

$0 + 3 = 3$

$1 + 2 = 3$

$2 + 1 = 3$

$3 + 0 = 3$

$0 + 4 = 4$

$1 + 3 = 4$

$2 + 2 = 4$

$3 + 1 = 4$

$4 + 0 = 4$

$0 + 5 = 5$

$1 + 4 = 5$

$2 + 3 = 5$

$3 + 2 = 5$

$4 + 1 = 5$

$5 + 0 = 5$

Key Vocabulary

First we have 3, **then** we add 2, **now** we have 5.

First we have 5, **then** we take away 1, **now** we have 4

What is 3 **add** 2?

What is 2 **plus** 2?

What is 5 **take away** 2?

What is 1 **less than** 4?

Top tips

The secret to success is practising little and often. Use time wisely. Can you practise these 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.

Use practical resources - Your child has one potato on their plate and you give them three more. Can they predict how many they will have now?

Make a poster – We use Numicon at school. You can find pictures of the Numicon shapes here: bit.ly/NumiconPictures – your child could make a poster showing the different ways of making 5.

Play Games – You can play number bond pairs online at <http://www.conkermaths.org/cmweb.nsf/products/numberbondpairs.html> and then see how many questions you can answer in just one minute.



Key Instant Recall Facts

Year 1 – Autumn 2

I know number bonds to 10

By the end of this half term, children should know the following facts. The aim is for them to recall these facts **instantly**.

$0 + 10 = 10$	$2 + 8 = 10$	$4 + 6 = 10$
$10 + 0 = 10$	$8 + 2 = 10$	$6 + 4 = 10$
$10 - 10 = 0$	$10 - 8 = 2$	$10 - 6 = 4$
$10 - 0 = 10$	$10 - 2 = 8$	$10 - 4 = 6$
$1 + 9 = 10$	$3 + 7 = 10$	$5 + 5 = 10$
$9 + 1 = 10$	$7 + 3 = 10$	$10 - 5 = 5$
$10 - 9 = 1$	$10 - 7 = 3$	
$10 - 1 = 9$	$10 - 3 = 7$	

Key Vocabulary

What is 3 **add** 2?

What is 2 **plus** 2?

What is 5 **take away** 2?

What is 1 **less than** 4?

They should be able to answer these questions in any order, including missing number questions e.g. $6 + \bigcirc = 10$ or $10 - \bigcirc = 3$

Top tips

The secret to success is practising little and often. Use time wisely. Can you practise these 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.

Use practical resources - Your child has five peas on their plate and you give them two more. Can they predict how many they will have now?

Make a poster – We use Numicon at school. You can find pictures of the Numicon shapes here: bit.ly/NumiconPictures – your child could make a poster showing the different ways of making 10.

Play Games – You can play number bond pairs online at <http://www.conkermaths.org/cmweb.nsf/products/numberbondpairs.html> and then see how many questions you can answer in just one minute. Also try <https://www.topmarks.co.uk/maths-games/hit-the-button>



Key Instant Recall Facts

Year 1 – Spring 1

I know number bonds for each number to 10

By the end of this half term, children should know the following facts. The aim is for them to recall these facts **instantly**.

$0 + 10 = 10$	$2 + 8 = 10$	$4 + 6 = 10$
$10 + 0 = 10$	$8 + 2 = 10$	$6 + 4 = 10$
$10 - 10 = 0$	$10 - 8 = 2$	$10 - 6 = 4$
$10 - 0 = 10$	$10 - 2 = 8$	$10 - 4 = 6$
$1 + 9 = 10$	$3 + 7 = 10$	$5 + 5 = 10$
$9 + 1 = 10$	$7 + 3 = 10$	$10 - 5 = 5$
$10 - 9 = 1$	$10 - 7 = 3$	
$10 - 1 = 9$	$10 - 3 = 7$	

Key Vocabulary

What is 3 **add** 2?

What is 2 **plus** 2?

What is 5 **take away** 2?

What is 1 **less than** 4?

They should be able to answer these questions in any order, including missing number questions e.g. $6 + \bigcirc = 10$ or $10 - \bigcirc = 3$

Top tips

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Key Instant Recall Facts

Year 1 – Spring 2

I know one more and one less with numbers up to 20

By the end of this half term, children should know the following facts. The aim is for them to recall these facts **instantly**.

One more than 1

One more than 2

One more than 3 (etc.)

One less than 20

One less than 19

One less than 18 (etc.)

Key Vocabulary

What is **one more** than 6?

What is **one less** than 15?

Top tips

The secret to success is practising little and often. Use time wisely. Can you practise these 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.

Use practical resources - Your child has ten pieces of carrot on their plate. What would one more / one less be?



Key Instant Recall Facts

Year 1 – Summer 1

I know know doubles and halves of numbers to 10

By the end of this half term, children should know the following facts. The aim is for them to recall these facts **instantly**.

$0 + 0 = 0$

$\text{half of } 0 = 0$

$1 + 1 = 2$

$\text{half of } 2 = 1$

$2 + 2 = 4$

$\text{half of } 4 = 2$

$3 + 3 = 6$

$\text{half of } 6 = 3$

$4 + 4 = 8$

$\text{half of } 8 = 4$

$5 + 5 = 10$

$\text{half of } 10 = 5$

$6 + 6 = 12$

$7 + 7 = 14$

$8 + 8 = 16$

$9 + 9 = 18$

$10 + 10 = 20$

Key Vocabulary

What is **double** 9?

What is **half** of 6?

Top tips

The secret to success is practising little and often. Use time wisely. Can you practise these 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.

Ping Pong – In this game, the parent says 'Ping' and the child replies 'Pong'. Then the parent says a number and the child doubles it. For the harder version, the adult can say 'Pong' and the child replies 'Ping' then halves the number.

Practise online – Go to <http://www.conkermaths.org/cmweb.nsf/products/conkerkirfs.html> and then see how many questions you can answer in just 90 seconds.



Key Instant Recall Facts

Year 1 – Summer 2

I can tell the time using o'clock and half past

I can count in steps of 2,5 and 10 forward and backwards

By the end of this half term, children should know the following facts. The aim is for them to recall these facts **instantly**.

Children need to be able to tell the time using a clock with hands.

This target can be broken down into smaller steps.

- I can tell the time to the nearest hour.
- I can tell the time to the nearest half hour

Key Vocabulary

Twelve **o'clock**

Half past two

Telling the time Top tips

The secret to success is practising little and often. Use time wisely. Can you practise these 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.

Talk about time – Discuss what time things happen. When does your child wake up? What time do they eat breakfast? Make sure that you have an analogue clock visible in your house or that your child wears a watch with hands.

Play 'What's the time Mr Wolf?' – You could also give your child some responsibility for watching the clock.

Read books about time. – Online book called 'The Bad Tempered Ladybird' – clock faces.

Step Counting Top tips

Sing rhymes and songs – practice singling songs that jump in steps of 2,5 and 10

Practise online – Go to <http://www.conkermaths.org/cmweb.nsf/products/conkerkirfs.html> and then see how many questions you can answer in just 90 seconds.