

Year 2 Key Instant Recall Facts Term 1

By the end of this term, children should know the following facts. The aim is for them to recall these facts **instantly**. The KIRFS will be practised in school each week and the class teacher will carry out assessments throughout the term and highlight the target when it has been achieved. There is also an attached list of optional extension work to complete if your child requires additional challenge.

Term 1 Targets	Examples	Can your child answer these questions?	Attached resources from school:
I know number bonds for 20	0+20 = 20 1+19 = 20 2+18 = 20 3+17 = 20 4+16 = 20 etc 20 – 20 = 0 20 – 19 = 1 etc	How many pairs of numbers which total 20 can you remember? What would you add to 4 to get a total of 20? Use number cards from 1 to 19 – can you pair the numbers which make 20?	Numicon sheet showing number bonds for 20.
	(see attached sheet)		Resources you may have at home:
			number cards
I know by heart all number bonds of multiples of 10 up to 100	0+100 = 100 10+90 = 100 20+80 = 100 30+70 = 100 40+60 = 100 50+50 = 100 60+40 = 100 70+30 = 100 80+20 = 100 90+10 = 100 100+0 = 100 100 – 90 = 10 100 – 80 = 20 etc	Look at these multiples of 10... which pairs give a total of 100? 0 10 20 30 40 50 60 70 80 90 100 A pencil costs 30p. How much change will I get from £1?	100 square
			Resources you may have at home:
			10p coins
I can identify odd and even numbers	Odd: Numbers ending in 1,3,5,7,9 Even: Numbers ending in 0,2,4,6,8	Can you complete this sequence of odd numbers? 33,35,37,39,41 *, *, * Can you write the missing even numbers in this pattern? 88, 86, *, *, * 78	100 square
			Resources you may have at home:
I know 10 more and 10 less than any number to 100	86 + 10 = 96 54 – 10 = 44	What is 10 more than 16? What is 10 less than 38?	100 square
			Resources you may have at home:
I can recall doubles of numbers up to 10+ 10 and corresponding halves.	Double 6 is 12 Half of 12 is 6 Double 7 is 14 Half of 14 is 7. Double 8 is 16 Half of 16 is 8. Double 9 is 18. Half of 18 is 9. Double 10 is 20. Half of 20 is 10.	I think of a number and double it, the answer is 18, what number did I start with? What number must I halve to get 8? 10? 6? Mina has 18 stickers, she gives half of them to her brother – how many stickers does she give him?	
			Resources you may have at home:
			Dice Playing cards
I know by heart all multiplication facts for 2 up to 2x12	0 x 2 = 0 1 x 2 = 2... Up to 10 x 2 = 20	Which is the number before 16 in the 2x table? What is the answer to 6x2? 9x2?	2 x Table (multiplication facts)
I know by heart all multiplication facts for 10 up to 10x12	0 x 10 = 0 1 x 10 = 10... Up to 10 x 10 = 100	Which is the number before 80 in the 10x table? What is the answer to 6x10? 8x10?	10 x Table (multiplication facts)

Year 2 Key Instant Recall Facts – Term 2

By the end of this term, children should know the following facts. The aim is for them to recall these facts **instantly**. The KIRFS will be practised in school each week and the class teacher will carry out assessments throughout the term and highlight the target when it has been achieved. There is also an attached list of optional extension work to complete if your child requires additional challenge.

Term 2 Targets	Examples	Can your child answer these questions?	Attached resources from school:
I know number bonds for all numbers to 16	$0 + 11 = 11$ $1 + 10 = 11$ $2 + 9 = 11$ etc $11 - 11 = 0$ $11 - 10 = 1$ $11 - 9 = 2$ etc ...and so on for all numbers to 16 (see attached sheet)	What would you add to 12 to get a total of 14? Use number cards from 1 to 14– can you pair the numbers which make 15? How many pairs of numbers can you remember that make a total of 13?	Numicon sheet showing number bonds for all numbers 11 to 16 Number cards 1- 20
			Resources you may have at home:
			Playing cards
I can count on and back in 3s to 30 and 4s to 40	$0,3,6,9,12,15,18,21,24,27,30$ $0,4,8,12,16,20,24,28,32,36,40$	Can you complete this sequence: $30,27,24, * * *$ What is 4 more than 16? What is 3 less than 24?	100 square
			Resources you may have at home:
I can recall doubles of numbers to 15+15 and corresponding halves.	$11+11 = 22$ (double 11) $12+12 = 24$ (double 12) Up to $15+15 = 30$ (double 15) Half of 30 is 15 Half of 28 is 14 Half of 24 is 12 Half of 22 is 11	I think of a number, then I halve it and get 15, what number was I thinking of? Roll 2 numbers on a die, add them together, and then double it. What must I double to get 16? 22? What is double 12?	100 square
			Resources you may have at home:
			Dice Playing cards
I know the multiplication and division facts for the 2 times table.	$0 \times 2 = 0$ $1 \times 2 = 2...$ Up to $10 \times 2 = 20$ $20 \div 2 = 10$ $18 \div 2 = 9...$ Down to $0 \div 2 = 0$	What is the answer to $16 \div 2$? $8 \div 2$? Which is the missing number: $? \times 2 = 18$? How do you know	2 x Table (multiplication and division facts)
I know the multiplication and division facts for the 10 times table	$0 \times 10 = 0$ $1 \times 10 = 10...$ Up to $10 \times 10 = 100$ $100 \div 10 = 10$ $90 \div 10 = 9...$ Down to $0 \div 10 = 0$	What is the answer to $70 \div 10$? $40 \div 10$? Which is the missing number: $? \times 10 = 60$? How do you know	10 x Table (multiplication and division facts)

Year 2 Key Instant Recall Facts Term 3

By the end of this term, children should know the following facts. The aim is for them to recall these facts **instantly**. The KIRFS will be practised in school each week and the class teacher will carry out assessments throughout the term and highlight the target when it has been achieved. There is also an attached list of optional extension work to complete if your child requires additional challenge.

Term 3 Targets	Examples	Can your child answer these questions?	Attached resources from school:
I know number bonds for all numbers to 20	$0 + 11 = 11$ $1 + 10 = 11$ $2 + 9 = 11$ etc $11 - 11 = 0$ $11 - 10 = 1$ $11 - 9 = 2$ etc ...and so on for all numbers to 16 (see attached sheet)	What would you add to 12 to get a total of 14? Use number cards from 1 to 14— can you pair the numbers which make 15? How many pairs of numbers can you remember that make a total of 13?	Numicon sheet showing number bonds for all numbers 11 to 16 Number cards 1- 20
			Resources you may have at home:
			Playing cards
I can round 2 digit numbers to the nearest 10.	26 rounds to 30 45 rounds to 50 21 rounds to 20	What does 16 round to? What does 55 round to? What is the rule for rounding up and down? (ends in 0 – 4 round down ends in 5 – 9 round	100 square
			Resources you may have at home:
I can recall doubles of all number to 20+20 and corresponding halves	$16 + 16 = 32$ (double 16) $17 + 17 = 34$ (double 17) Up to $20 + 20 = 40$ (double 20) Half of 40 is 20 Half of 38 is 19 Half of 36 is 18 Half of 34 is 17 Half of 32 is 16	I think of a number, then I halve it and get 19, what number was I thinking of? What must I double to get 40? 32? What is double 16?	100 square
			Resources you may have at home:
			Dice Playing cards
I can recall doubles of significant numbers to 100 (eg 25, 50,100) and corresponding halves.	$25 + 25 = 50$ $50 + 50 = 100$ $100 + 100 = 200$ Half of 200 is 100 Half of 100 is 50 Half of 50 is 25	What is double 100? My number is half of 100. What is my number? A teddy is half price and costs 50p. How much did it cost when it was full price?	
			Resources you may have at home:
			£1 & £2 coins 50p, 20p & 5p coins
I know the multiplication facts for the 5 times table.	$0 \times 5 = 0$ $1 \times 5 = 5...$ Up to $10 \times 5 = 50$	Which is the number before 40 in the 5x table? What is the answer to 6×5 ? 8×5 ?	5 x Table (multiplication facts)
I know the division facts for the 5 times table	$50 \div 5 = 10$ $45 \div 5 = 9...$ Down to $0 \div 5 = 0$	What is the answer to $35 \div 5$? $40 \div 5$? Which is the missing number: $? \times 5 = 25$? How do you know?	5 x Table (division facts)

Optional Extension Resources: Year 2 Term 1

<http://www.conkermaths.org/cmweb.nsf/products/numberbondpairs.html> - number bonds to 20

<https://www.topmarks.co.uk/learning-to-count/coconut-odd-or-even-> odd and even numbers

<https://www.topmarks.co.uk/learning-to-count/chopper-squad> - 10 more 10 less

<https://www.topmarks.co.uk/maths-games/hit-the-button> - doubles and halves

<https://www.topmarks.co.uk/maths-games/mental-maths-train> - 2x table and 10x table (multiplication facts)

Optional Extension Resources: Year 2 Term 2

<https://www.topmarks.co.uk/maths-games/hit-the-button> - doubles and halves to 15 + 15

<http://www.conkermaths.org/cmweb.nsf/products/timestablesballoons.html> - 2x tables and 10x table
(multiplication and division facts)

Optional Extension Resources: Year 2 Term 3

<http://www.conkermaths.org/cmweb.nsf/products/numberbondpairs.html> - number bonds to 20

<https://www.topmarks.co.uk/maths-games/rocket-rounding> - rounding 2 digit numbers to the nearest 10

<https://www.topmarks.co.uk/maths-games/hit-the-button> - doubles and halves to 20 + 20

<https://www.topmarks.co.uk/maths-games/mental-maths-train> - 5x table (multiplication facts)

<http://www.conkermaths.org/cmweb.nsf/products/timestablesballoons.html> - 5x tables (multiplication and division facts)