

Maths Fluency

Daily maths fluency time is used give the children the opportunity to retrieve, rehearse and embed their mathematical learning.

	Counting	Fast recall	Mental maths
			Written calculation
Foundation Stage	<ul style="list-style-type: none"> Up/down in 1 Spatial recognition 1:1 correspondence Subitise to 5 Count in 10, 2, 5 	<ul style="list-style-type: none"> Bonds to 5, 10 	<ul style="list-style-type: none"> One more than One less than
Year 1	<ul style="list-style-type: none"> Up in 1, 2, 5, 10 to 10th multiple Across 100 in 1s from any number (on/back) 	<ul style="list-style-type: none"> Bonds to 10 Doubles to 20 Odds & evens 	<ul style="list-style-type: none"> Add/subtract 1- & 2-digit numbers to 20
Year 2	<ul style="list-style-type: none"> 2, 3, 5 from 0 Up & down in 1, 2, 5, 10 from any multiple Up/down in 10s from any number 	<ul style="list-style-type: none"> Bonds to 20 Halves to 20 2, 5, 10 tables 	<ul style="list-style-type: none"> Add three 1-digit numbers Two 2-digit numbers
			<ul style="list-style-type: none"> 2x2 addition 2x2 subtraction
Year 3	<ul style="list-style-type: none"> Count in 50, 100 from multiples Up/down in 10/100s from any number 3, 4, 6, 8 Count on/back in tenths 	<ul style="list-style-type: none"> 3, 4, 6, 8 tables 	<ul style="list-style-type: none"> Add/subtract – 3 & 1s, 3 & 10s, 3 & 100s Integer complements to 100 (27+73) Add/subtract multiples of 100
			<ul style="list-style-type: none"> 3x3 addition 3x3 subtraction 2x1 multiplication
Year 4	<ul style="list-style-type: none"> 1, 2, 5, 10 to multiples including negative numbers Count in 25 from 0 Up/down in 1000s 7, 9, 11, 12 Count up/down in hundredths Count in simple fractions (& simplify) 	<ul style="list-style-type: none"> 7, 9, 11, 12 tables Square numbers to 144 Decimal equivalents to simple fractions 	<ul style="list-style-type: none"> Add/subtract 2-digit numbers Add/subtract multiples of 1000 x/÷ by 10/100 Multiply powers of 10 (60x40=2400) using table facts Decimal complements to 1 (0.18+0.82)
			<ul style="list-style-type: none"> 4x4 addition 4x4 subtraction 3x1 multiplication 3x1 division

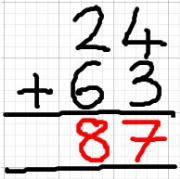
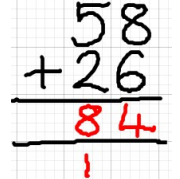
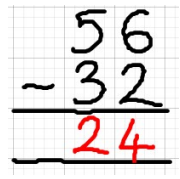
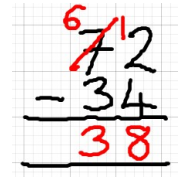
Maths Fluency

Year 5	<ul style="list-style-type: none"> • Up/down in powers of 10 • Count in 15 from 0 • Count up/down in simple fractions/ decimals across 0 	<ul style="list-style-type: none"> • Prime numbers to 19 • Simple FDP equivalence 	<ul style="list-style-type: none"> • Add/subtract 3-digit numbers • Add/subtract multiples of 10,000 & 100,000 • \times/\div by 1000 • Multiply 2-digit by 1-digit (18x4) • Simple Short division (484/4=121)
			<ul style="list-style-type: none"> • Uneven addition with decimals • Uneven subtraction with decimals • 4x1, 2x2, 3x2, 4x2 multiplication • 4x1 division with remainder/fraction/ decimal
Year 6	<ul style="list-style-type: none"> • Count up/down in mixed decimals & fractions (0.25, $\frac{1}{2}$, 0.75, 1) 	<ul style="list-style-type: none"> • Prime numbers to 100 	<ul style="list-style-type: none"> • Conversion of units • Multi-step calculations (24, % of an amount, ratio problems, interior angles)
			<ul style="list-style-type: none"> • Decimal x2 multiplication • 3x2, 4x2 division

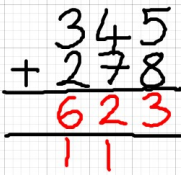
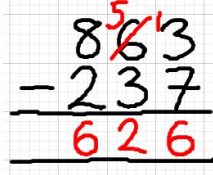
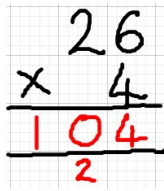
Maths Fluency

Foundation Stage			
Counting	Count up in 1s	0-1-2-3-4-5-6-7-8-9-10-11...	
	Count down in 1s to 0	...12-11-10-9-8-7-6-5-4-3-2-1-0	
Mental maths/ fast recall	Complements to 5 and subtraction facts	0+5	5-0=5
		1+4	5-1=4
		2+3	5-2=3
		3+2	5-3=2
		4+1	5-4=1
		5+0	5-5=0
	One more/less	What's 1 more/less than...?	

Maths Fluency

Year 2								
Counting	Count up in 2s, 3s, 5s from 0	0-2-4-6-8-10-12-14-16-18-20-22-24-26-28... 0-3-6-9-12-15-18-21-24-27-30-33-36... 0-5-10-15-20-25-30-35-40-45-50-55-60-65...						
	Count up & down in 1s, 2s, 5s, 10s from any multiple	12-14-16-18... 25-20-15-10... 40-50-60-70...						
	Count up & down in 10s from any number to 100	28-38-48-58-68... 92-82-72-62-52...						
Fast recall	Complements to 20 (number bonds)	1+19 2+18 3+17 4+16		5+15 6+14 7+13		8+12 9+11 10+10		
	Halves to 20	20--10 18--9		16--8 14--7		12--6 10--5		
	2, 5, 10 times table to 12 th multiple	2 times table		5 times table		10 times table		
		1x2=2 7x2=14		1x5=5 7x5=35		1x10=10 7x10=70		
		2x2=4 8x2=16		2x5=10 8x5=40		2x10=20 8x10=80		
		3x2=6 9x2=18		3x5=15 9x5=45		3x10=30 9x10=90		
4x2=8 10x2=20		4x5=20 10x5=50		4x10=40 10x10=100				
5x2=10 11x2=22		5x5=25 11x5=55		5x10=50 11x10=120				
6x2=12 12x2=24		6x5=30 12x5=60		6x10=60 12x10=140				
2, 5, 10 times table division facts	2÷2=1 14÷2=7		5÷5=1 35÷5=7		10÷10=1 70÷10=7			
	4÷2=2 16÷2=8		10÷5=2 40÷5=8		20÷10=2 80÷10=8			
	6÷2=3 18÷2=9		15÷5=3 45÷5=9		30÷10=3 90÷10=9			
	8÷2=4 20÷2=10		20÷5=4 50÷5=10		40÷10=4 100÷10=10			
	10÷2=5 22÷2=11		25÷5=5 55÷5=11		50÷10=5 110÷10=11			
12÷2=6 24÷2=12		30÷5=6 60÷5=12		60÷10=6 120÷10=12				
Complements to all numbers to 15	11		1+10, 2+9, 3+8, 4+7, 5+6					
	12		1+11, 2+10, 3+9, 4+8, 5+7, 6+6					
	13		1+12, 2+11, 3+10, 4+9, 5+8, 6+7					
	14		1+13, 2+12, 3+11, 4+10, 5+9, 6+8, 7+7					
	15		1+14, 2+13, 3+12, 4+11, 5+10, 6+9, 7+8					
Mental Maths	Add three 1-digit numbers	4+6+8=18						
	Add two 2-digit numbers	24+63=87 (no carry) 58+26=84 (carry)						
Written Calc'	2x2 addition & subtraction							
All addition and multiplication can be carried out either way round – this is known as the Commutative Law								

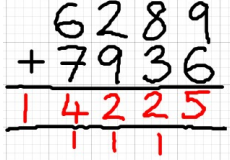
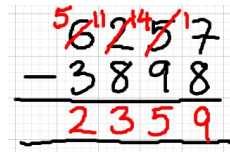
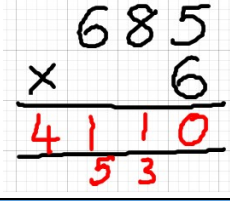
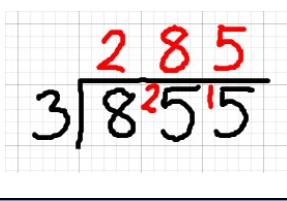
Maths Fluency

Year 3							
Counting	Count forwards in 50s, 100s from multiples	150-200-250-300-350... 0-100-200-300-400...					
	Count up & down in 10s, 100s from any number	34-44-54-64... 542-532-522-512... 67-167-267-367... 809-709-609-509...					
	Count forwards in 4s, 8s from 0	0-4-8-12-16-20-24-28-32-36-40-44-48... 0-8-16-24-32-40-48-56-64-72-80-88-96...					
	Count up & down in tenths	$\frac{1}{10}$ $\frac{2}{10}$ $\frac{3}{10}$ $\frac{4}{10}$ $\frac{5}{10}$ $\frac{6}{10}$ $\frac{7}{10}$ $\frac{8}{10}$ $\frac{9}{10}$ $\frac{10}{10}$					
Fast recall	3, 4, 6, 8 times table to 12 th multiple & related division facts	3 times table		4 times table		8 times table	
		x	÷	x	÷	x	÷
		1x3=3	3÷3=1	1x4=4	4÷4=1	1x8=8	8÷8=1
		2x3=6	6÷3=2	2x4=8	8÷4=2	2x8=16	16÷8=2
		3x3=9	9÷3=3	3x4=12	12÷4=3	3x8=24	24÷8=3
		4x3=12	12÷3=4	4x4=16	16÷4=4	4x8=32	32÷8=4
		5x3=15	15÷3=5	5x4=20	20÷4=5	5x8=40	40÷8=5
		6x3=18	18÷3=6	6x4=24	24÷4=6	6x8=48	48÷8=6
		7x3=21	21÷3=7	7x4=28	28÷4=7	7x8=56	56÷8=7
		8x3=24	24÷3=8	8x4=32	32÷4=8	8x8=64	64÷8=8
		9x3=27	27÷3=9	9x4=36	36÷4=9	9x8=72	72÷8=9
		10x3=30	30÷3=10	10x4=40	40÷4=10	10x8=80	80÷8=10
11x3=33	33÷3=11	11x4=44	44÷4=11	11x8=88	88÷8=11		
12x3=36	36÷3=12	12x4=48	48÷4=12	12x8=96	96÷8=12		
Mental Maths	Integer complements to 100	24+76, 47+53, 82+18					
	Add /subtract 3-digit numbers & 1s, 10s, 100s	1s	10s	100s			
		456+7 457-7	456+70 457-70	456+200 457-200			
	Add two 2-digit numbers to over 100	84+63=147 58+76=134					
Add & subtract multiples of 100	436+300=736 436-300=136						
Written Calc'	3x3 addition & subtraction						
	2x1 multiplication						
All addition and multiplication can be carried out either way round – this is known as the Commutative Law							

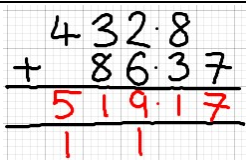
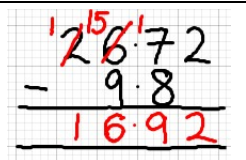
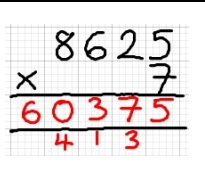
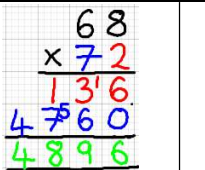
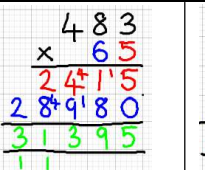
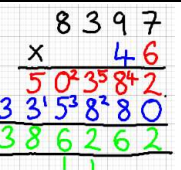
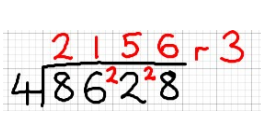
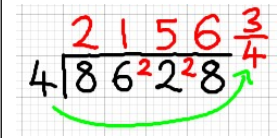
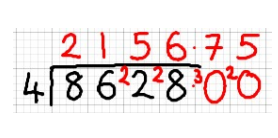
Maths Fluency

Year 4							
Counting	Count up & down in 1s, 2s, 5s & 10s across 0 to multiples	...-3,-2,-1,0,1,2,3,4... ...-6,-4,-2,0,2,4,6,8,10,12... ...-15,-1,-5,0,5,10,15... ...-30,-20,-10,0,10,20,30...					
	Count in 25s & 1000s from 0	0-25-50-75-100-125-150... 0-1000-2000-3000...					
	Count in 6s, 7s, 9s, 11s & 12s from 0	0-6-12-18-24-30-36-42-48-54-60-66-72... 0-7-14-21-28-35-42-49-56-63-70-77-84... 0-9-18-27-36-45-54-63-72-81-90-99-108... 0-11-22-33-44-55-66-77-88-99-110-121-132... 0-12-24-36-48-60-72-84-96-108-120-132-144...					
	Count up and down in hundredths	$\dots \frac{1}{100} - \frac{2}{100} - \frac{3}{100} \dots$					
	Count up in simple fractions (& simplify)	$\frac{1}{2}, 1, 1\frac{1}{2}, 2, 2\frac{1}{2} \dots$ $\frac{1}{4}, \frac{2}{4}, \frac{3}{4}$ or $\frac{1}{4}, \frac{1}{2}, \frac{3}{4}$					
Fast recall	Complements to 20 (number bonds)	1+19 2+18 3+17 4+16	5+15 6+14 7+13	8+12 9+11 10+10			
	Halves to 20	20--10 18--9 16--8 14--7 12--6		10--5 8--4 6--3 4--2 2--1			
	2, 5, 10 times table to 12 th multiple and related division facts	6 times table		7 times table		9 times table	
		1x6=6	6÷6=1	1x7=7	7÷7=1	1x9=9	9÷9=1
		2x6=12	12÷6=2	2x7=14	14÷7=2	2x9=18	18÷9=2
		3x6=18	18÷6=3	3x7=21	21÷7=3	3x9=27	27÷9=3
		4x6=24	24÷6=4	4x7=28	28÷7=4	4x9=36	36÷9=4
		5x6=30	30÷6=5	5x7=35	35÷7=5	5x9=45	45÷9=5
		6x6=36	36÷6=6	6x7=42	42÷7=6	6x9=54	54÷9=6
		7x6=42	42÷6=7	7x7=49	49÷7=7	7x9=63	63÷9=7
8x6=48		48÷6=8	8x7=56	56÷7=8	8x9=72	72÷9=8	
9x6=54		54÷6=9	9x7=63	63÷7=9	9x9=81	81÷9=9	
10x6=60	60÷6=10	10x7=70	70÷7=10	10x9=90	90÷9=10		
11x6=66	66÷6=11	11x7=77	77÷7=11	11x9=99	99÷9=11		
12x6=72	72÷6=12	12x7=84	72÷7=12	12x9=108	108÷9=12		
11 times table			12 times table				
1x11=11	11÷11=1	1x12=12	12÷12=1				
2x11=22	22÷11=2	2x12=24	24÷12=2				
3x11=33	33÷11=3	3x12=36	36÷12=3				
4x11=44	44÷11=4	4x12=48	48÷12=4				
5x11=55	55÷11=5	5x12=60	60÷12=5				
6x11=66	66÷11=6	6x12=72	72÷12=6				
7x11=77	77÷11=7	7x12=84	84÷12=7				
8x11=88	88÷11=8	8x12=96	96÷12=8				
9x11=99	99÷11=9	9x12=108	108÷12=9				
10x11=110	110÷11=10	10x12=120	120÷12=10				
11x11=121	121÷11=11	11x12=132	132÷12=11				

Maths Fluency

Mental Maths		$12 \times 11 = 132$	$132 \div 11 = 12$	$12 \times 12 = 144$	$144 \div 12 = 12$		
	Square numbers to 144	1-4-9-16-25-36-49-64-81-100-121-144					
	Simple fraction to decimal equivalence	0.5 $\frac{1}{2}$	0.1 $\frac{1}{10}$	0.2 $\frac{1}{5}$	0.25 $\frac{1}{4}$	0.75 $\frac{3}{4}$	$0.33r$ $\frac{1}{3}$
Mental Maths	Decimal complements to 1 & 10	$0.18 + 0.82 = 1$			$4.8 + 5.2 = 10$		
	Subtract 2-digit numbers	$86 - 43 = 26$ (no exchange) $92 - 54 = 38$ (exchange)					
	Add & subtract multiples of 1000	$4365 + 3000 = 7365$ $4365 - 3000 = 1365$					
	Multiply & divide by 10	$63 \times 10 = 630$ $63 \div 10 = 6.3$					
	Multiply & divide by 100	$63 \times 100 = 6300$ $63 \div 100 = 0.63$					
	Multiply powers of 10	$60 \times 40 = 2400$ $300 \times 70 = 21000$ (using times table knowledge)					
Written Calc'	4x4 addition & subtraction						
	3x1 multiplication & division						
All addition and multiplication can be carried out either way round – this is known as the Commutative Law							

Maths Fluency

Year 5								
Counting	Count up & down in powers of 10	...58-68-78-88-98-108... ...58-158-258-358-458... ...658-1658-2658-3658... ...2458-12458-22458-32458...						
	Count up in 15s, 60s, 90s from 0	0-15-30-45-60-75-90-105-120... 0-60-120-180-240-300-360... 0-90-180-270-360-450-540...						
	Count up and down in simple fractions and decimals across 0	$-\frac{3}{4}, -\frac{1}{2}, -\frac{1}{4}, 0, \frac{1}{4}, \frac{1}{2}, \frac{3}{4}$			-0.75, -0.5, -0.25, 0, 0.25, 0.5, 0.75			
Fast recall	Prime numbers to 19	2-3-5-7-11-13-17-19						
	Simple fractions, decimals, equivalence	0.5	0.1	0.2	0.25	0.75	0.33r	0.66r
		$\frac{1}{2}$ 50%	$\frac{1}{10}$ 10%	$\frac{1}{5}$ 20%	$\frac{1}{4}$ 25%	$\frac{3}{4}$ 75%	$\frac{1}{3}$ 33.3r%	$\frac{2}{3}$ 66.6r%
$\frac{3}{10}$ 30%	$\frac{2}{5}$ $\frac{4}{10}$ 40%	$\frac{3}{5}$ $\frac{6}{10}$ 60%	$\frac{7}{10}$ 70%	$\frac{4}{5}$ $\frac{8}{10}$ 80%	$\frac{9}{10}$ 90%	$\frac{1}{100}$ 1%		
Mental Maths	Add/subtract 3-digit numbers	348+287=635 827-319=508						
	Add & subtract multiples of 10 000, 100 000	43652+30000=73652 43652-30000=13652						
	Multiply & divide by 1000	63x1000=63000 63÷1000=0.063						
	Multiply 2-digit number by 1 digit using partition	18x4=(10x4+8x4)=72						
	Simple short division	484÷4=121 (no carry) 78÷6=13 (carry)						
Written Calc'	Uneven addition & subtraction with decimals							
	4x1, 2x2, 3x2, 4x2 multiplication							
	4x1 division with remainder/fraction/decimal							
All addition and multiplication can be carried out either way round – this is known as the Commutative Law								

Maths Fluency

Year 6								
Counting	Count up & down in mixed fractions & decimals	$-\frac{3}{4}, -0.5, -\frac{1}{4}, 0, 0.25, \frac{1}{2}, 0.75 \dots$						
Fast recall	Prime numbers to 100 (25)	2-3-5-7-11-13-17-19-23-29-31-37-41-43-47-53-59-61-67-71-73-79-83-89-97						
	Simple fractions, decimals, equivalence	0.5 $\frac{1}{2}$ 50%	0.1 $\frac{1}{10}$ 10%	0.2 $\frac{1}{5}$ 20%	0.25 $\frac{1}{4}$ 25%	0.75 $\frac{3}{4}$ 75%	0.33r $\frac{1}{3}$ 33.3r%	0.66r $\frac{2}{3}$ 66.6r%
		0.3 $\frac{3}{10}$ 30%	0.4 $\frac{2}{5} \mid \frac{4}{10}$ 40%	0.6 $\frac{3}{5} \mid \frac{6}{10}$ 60%	0.7 $\frac{7}{10}$ 70%	0.8 $\frac{4}{5} \mid \frac{8}{10}$ 80%	0.9 $\frac{9}{10}$ 90%	0.01 $\frac{1}{100}$ 1%
Mental Maths	Multi-step calculation	% of an amount			Fraction of an amount			
		15% of 600=90 (find 10% and 5% and add together) 60+30=90			$\frac{6}{8}$ of 32=24 Divide by denominator & multiply by numerator 32÷8=4 4x6=24			
		Interior angles						
	Calculate the missing angle of a triangle/quadrilateral							
Conversion	2.3kg = 2300g 600ml = 0.6l 1.85m = 185cm							
Written Calc'	Decimal x2 multiplication							
	3x2, 4x2 division							
All addition and multiplication can be carried out either way round – this is known as the Commutative Law								

Maths Fluency

Counting resources & games					
Choral counting		Resources		Online resources	
Clap counting Whisper – shout Tennis (singles/groups) Circle Bean bag pass		Counters Cubes Numicon Cuisenaire Number tracks Dienes		Fraction number line Decimal number line	
Fast recall					
Number bonds rhyme	0 & 10 are big strong men 1 & 9 are feeling fine 2 & 8 are never late 3 & 7, come from Devon 4 & 6 are playing tricks 5 & 5, come alive 6 & 4 knock on the door 7 & 3 climb a tree 8 & 2 are feeling blue 9 & 1 are having fun 10 & 0 are superheroes	Doubles rap	It's the doubles baby, here we go, here we go. It's the doubles baby, and we start with zero 0+0=0, ooh 1+1=2, oh! 2+2=4, more 3+3=6, kicks 4+4=8, that's great 5+5=10, again 6+6=12, that's swell 7+7=14, let's lean 8+8=16, nar' mean? 9+9=18, jelly bean 10+10, that's plenty!		
Even	I'm a number cruncher and my name is Steven. I like numbers when they're even. I think numbers are so great, when the end in... 0 – 2 – 4 – 6 – 8	Odds	I'm a number cruncher and my name is Rod. I like numbers when they're odd. I think numbers are so fine, when the end in... 1 – 3 – 5 – 7 – 9		
Fast Recall and Mental Calculation					
Resources	Numicon	Times table squares	Number lines		
	Cuisenaire & rulers	Dice	Number cards		
	Bead strings	Number tracks	Pin boards		
Games (see below)	Strike it out	Complements	Four go		
	24	Hit 10	Climb		
	Tug of war	Charlie	Ladders		
	Black Jack 100	Remainder Scoop	Grab		
	Connect 4	Finger Maths	Snap Squares		
	Zero-d Out	Dice Wars	OXO		
	Fizz Buzz	Bar Bar	Domino 3s		
Online resources	TTRocks	Hit the button	Fish tables		
	FDP	Prime Numbers	FDP wall		
	Multiplication table	Mystery Matrix	FDP spinner		

Maths Fluency

24	Hit 10	Climb
<ul style="list-style-type: none"> Roll four 10-sided dice Using + - x ÷ try to make the number 24 	<ul style="list-style-type: none"> 6-sided dice Roll & add or take away until you reach 10 <p style="text-align: center;">E.g. $3+5=8$ $8+6=14$ $14-2=12$ $12-2=10$</p>	<ul style="list-style-type: none"> 6-sided dice Similar to Hit 10 but reach every multiple of your chosen times table in order <p style="text-align: center;">E.g. 3 times table: $1+3=3$ $3+6=9$ $9-4=5$ $5+1=6$ $6+2=8$...</p>
Tug of War	Charlie	Ladders
<ul style="list-style-type: none"> 20-sided dice Start at 50 One player adds, the other subtracts First to 100 or 0 wins 	<ul style="list-style-type: none"> Player one rolls five or six 6-sided dice Remove any dice with 1s or 2s and total the rest Continue until no dice are left Player two tries to beat that score 	<ul style="list-style-type: none"> Roll two 10-sided or 12-sided dice and multiply together Place the answer on the ladder Continue to add numbers to try and get 8 numbers in order
Black Jack 100	Remainder Scoop	Grab
<ul style="list-style-type: none"> 2 players – two 10-sided dice – closest to 100 wins Roll dice and choose 2-digit number Double or halve it, then stick or continue If continue, roll again and add to previous go Continue until stick or go bust 	<ul style="list-style-type: none"> Three 10-sided dice Roll dice and create division question Work out answer with remainder and claim remainder as points. First player to 15 wins 	<ul style="list-style-type: none"> Roll a number of dice First player to work the sum covers the dice They prove they are correct and claim one dice if they are If they are wrong, they lose one of their dice back to the middle Repeat with remaining dice until none are left
Connect 4	Finger Maths	Snap Squares
<ul style="list-style-type: none"> Use hundred square as Connect 4 board Player 1 chooses a number and highlights it – e.g. 12 Player 2 chooses factor or multiple of this number and highlights differently – e.g. 48 Repeat until one player has four in a row 	<ul style="list-style-type: none"> Call out total on one hand Call out total on two hands Call out product of specific table and fingers Call out product of fingers on two hands (in pairs) Generate 2-digit number using fingers and call out remainder when divided by specified number (use Numicon/Cuisenaire instead) 	<ul style="list-style-type: none"> Deal out all cards Each player takes turn to place card and say square of the number shown If picture card is drawn, first player to snap the pile, keeps it

Maths Fluency

Zero-d Out	Dice Wars	OXO
<ul style="list-style-type: none"> • Draw a large square and place one number on each corner • Subtract adjacent corners and write difference in middle • Draw new square with corners at new numbers and repeat until you are zero-d out 	<ul style="list-style-type: none"> • Agree highest or lowest answer wins • Roll dice and place digits in pre-decided calculation grid • Work our answers • (Add rogue dice to place on partners grid) 	<ul style="list-style-type: none"> • Noughts and crosses grid • Roll dice and draw up to six dots in a section • Each section needs six dot to claim it with X or O • 3 in a row wins
Fizz Buzz	Bar Bar	Domino 3s
<ul style="list-style-type: none"> • Count around in a group • 'Fizz' on multiples of agreed table • 'Buzz' on multiples of a different table • 'Fizz buzz' on both • (Add other tables with new sounds) 	<ul style="list-style-type: none"> • 1-10 Cuisenaire rods and ruler or 1-10 number cards • Choose target number up to 50 • Each player places one rod in turn to try to reach the target • Each number can only be used once 	<ul style="list-style-type: none"> • Draw line on paper • Player one takes domino, chooses fraction and places above number line • Player two repeats and places below line • First play to get three in a row (try + - x ÷ numbers on dominoes to create answers instead)
<p>Try varying the games by changing the number/size of dice, resources used, calculation method, target scores or adding rules for certain numbers.</p>		