

Number and place value	Objective	Autumn	Spring	Summer
	• Doubles 0-5 1-2 4-8	X		
	• Doubles 0-10 5-10 3-6		X	X
	• Near doubles 6+6 = 12 so 6+7 = 13	X	X	X
	• Number bonds to 5: 2 + 3 = 5	X	X	
	• Number bonds to 10: 7 + 3 = 10	X	X	
	• Number bonds to 20: 14 + 6 = 20	X	X	X
	• Count forwards to 100 from 0: 0, 1, 2, 3, 4, 5...	X	X	X
	• Count forwards to 100 from 1: 1, 2, 3, 4, 5...	X	X	X
	• Count forwards to 100 from any given number: start at 37 → 37, 38, 39, 40...	X	X	X
	• Count backwards from 100: 100, 99, 98, 97...		X	X
	• Count backwards from any given number: start at 46 → 46, 45, 44, 43...		X	X
	• Read numbers to 20: read "17" as seventeen	X		X
	• Write numbers to 20 in words: write fourteen		X	X
	• Write numbers to 20 in numerals: write 14	X	X	X
	• Write numbers to 100 in numerals: write 56 when said aloud		X	X
	• Count in multiples of 2s: 2, 4, 6, 8, 10...	X	X	X
	• Count in multiples of 5s: 5, 10, 15, 20, 25...		X	X
	• Count in multiples of 10s: 10, 20, 30, 40, 50...		X	X
	• Given a number, identify 1 more: 1 more than 8 is 9	X	X	
	• Given a number, identify 1 less: 1 less than 14 is 13	X	X	
	• Identify numbers using objects and pictorial representations: 5 counters = the number 5	X	X	
	• Identify numbers using objects and pictorial representations: draw 7 dots to show 7	X	X	
	• Find given numbers on a number line: find 36 on a 0–50 number line	X	X	X
	• Use the language of: equal to, more than, less than (fewer), most and least: 6 is more than 4" / "3 is fewer than 5.		X	X
	• Subitise numbers to 5 and ideally begin to recognise some numbers to 10 without counting: Instantly see 4 dots on a dice face without counting.	X	X	
	• Comparing numbers with inequality signs: <, >, =		X	X

	Write 'ty' (twenty, thirty, forty) numbers to one hundred		X	X
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Addition and subtraction	Objective	Autumn	Spring	Summer
	Understand the + and = symbols using objects, pictures, and number sentences: $3 + 2 = 5$ → Show with counters or drawings of apples.	X	X	X
	Understand the – and = symbols using objects, pictures, and number sentences: $5 - 2 = 3$ → Show with counters or drawings, 5 apples take away 2 = 3 apples left.	X	X	X
	Represent and use number bonds to 20: $13 + 7 = 20$: Use a ten frame and cubes to show pairs that make 20.	X	X	X
	Represent and use related subtraction facts within 20: From $13 + 7 = 20$ → $20 - 7 = 13$ and $20 - 13 = 7$	X	X	X
	Add two one-digit numbers to 20: $8 + 7 = 15$	X	X	
	Subtract two one-digit numbers to 20: $9 - 6 = 3$	X	X	X
	Add a one-digit number with a two-digit number to 20: $13 + 6 = 19$	X	X	
	Subtract a one-digit number from a two-digit number to 20: $17 - 9 = 8$		X	X
	Solve one-step problems involving addition: Tom has 4 red cars and 5 blue cars. How many cars altogether? → $4 + 5 = 9$		X	X
	Solve one-step problems involving subtraction: There are 12 apples on the tree. 4 fall off. How many are left? → $12 - 4 = 8$	X	X	X
	Solve 1-digit missing number problems for addition: $7 + ? = 10$	X	X	X
	Solve 1-digit missing number problems for subtraction: $9 - ? = 5$	X	X	X

Multiplication and division	Objective	Autumn	Spring	Summer
	Represent multiplication as repeated addition using objects: Use counters or cubes: 3 groups of 2 counters → $2 + 2 + 2 = 6$ → $3 \times 2 = 6$ Pictorial: Draw 3 groups of 2 stars ★★ ★★ ★★ ★★			X
	Use arrays to represent and count equal groups:			X

	Draw 3 rows of 4 dots:  → $3 \times 4 = 12$ Talk about rows and columns to reinforce structure.			
	Use concrete materials to solve real-world multiplication problems: There are 4 bags. Each bag has 3 apples. How many apples in total? → Count groups of 3 using counters → $3 + 3 + 3 + 3 = 12$			X
	Use objects to share equally into groups: Share 12 counters equally between 3 people. → Give out counters one by one until each has 4 → $12 \div 3 = 4$			X
	Use objects or pictures to make groups of a given size: How many groups of 2 can you make with 10 cubes? → Group into twos → 2, 4, 6, 8, 10 → 5 groups → $10 \div 2 = 5$ Use arrays to represent and count equal groups for division. $12 \div 3$ → Draw an array of 12 dots arranged in 3 rows.  → 4 in each row → $12 \div 3 = 4$			X
	Apply understanding of groups, arrays, and sharing in word problems: There are 5 plates with 2 biscuits on each. How many biscuits? → $5 \times 2 = 10$ 12 apples shared equally between 4 baskets. How many apples in each? → $12 \div 4 = 3$			X

Fractions	Objective	Autumn	Spring	Summer
	Understand "half" as two equal parts: How many equal parts are there?			X

	Find half of an object or shape: colour in half.			X
	Find half of a quantity (set of objects): share objects equally.			X
	Recognise half in real life: Is this half? Are both pieces equal?			X
	Understand “quarter” as four equal parts: How many equal parts are there?			X
	Find a quarter of an object or shape: colour in a quarter.			X
	Find a quarter of a quantity (set of objects): share objects equally.			X
	Compare halves and quarters			X