

Autumn Term

EYFS		<u>Just Like Me</u>	<u>It's me 1,2,3</u>	<u>Light and Dark</u>
		<u>Week 5 – 8</u>	<u>Week 9 - 11</u>	<u>Week 12 - 14</u>
		• Sorting objects • Matching objects • Odd ones out • Similarities and differences between objects • Comparing amounts (up to 5) • Compare size, mass and capacity • Compare height and length • Balances scales and weighing • Making simple, repeating patterns	• Representing numbers to 3 • Sorting objects to 3 • Matching and comparing 1-3 • 1 more and 1 less up to 3 • Composition of 1-3 • Naming and sorting 2d shapes (circles and triangles) • Positional language	• Representing numbers 4 and 5 • Sorting objects to 5 • Matching and comparing 1-5 • 1 more and 1 less up to 5 • Composition of 4 and 5 • Naming and sorting 2d shapes (squares and rectangles) • Positional language

Year 1	<u>Place Value (within 10)</u>	<u>Addition and Subtraction</u>	<u>Geometry – Shape</u>
	<u>Week 1-5</u>	<u>Week 6-10</u>	<u>Week 11</u>
	- Sort objects. - Count objects. - Represent objects. - Count, read and write forwards from any number 0 to 10. - Count, read and writing backwards from any number 0 to 10. - Count one more. - Count one less. - One to one correspondence to start to compare groups. - Compare groups using language such as equal, more/greater, less/fewer. - Introduce = , > and < symbols. - Compare numbers. - Order groups of objects. - Order numbers. - Ordinal numbers (1st, 2nd, 3rd). - The number line.	- Part whole model. - Addition symbol.. - Fact families – Addition facts. - Find number bonds for numbers within 10. - Systematic methods for number bonds within 10. - Number bonds to 10. - Compare number bonds. - Addition: Adding together. - Addition: Adding more. - Finding a part. - Subtraction: Taking away, how many left? Crossing out. - Subtraction: Taking away, how many left? Introducing the subtraction symbol. - Subtraction: Finding a part, breaking apart. - Fact families – The 8 facts. - Subtraction: Counting back. - Subtraction: Finding the difference. - Comparing addition and subtraction statements $a + b > c$. - Comparing addition and subtraction statements $a + b > c + d$.	- Recognise and name 3D shapes. - Sort 3D shapes. - Recognise and name 2D shapes. - Sort 2D shapes. - Patterns with 3D and 2D shapes.

Year 2	Place Value	Addition and Subtraction	Number – Shape
	Week 1-4	Week 5-9	Week 10 - 12
	- Count objects to 100 and read and write numbers in numerals and words. - Represent numbers to 100. - Tens and ones with a part whole model. - Tens and ones using addition. - Use a place value chart. - Compare objects. - Compare numbers. - Order objects and numbers. - Count in 2s, 5s and 10s. - Count in 3s	- Fact families – Addition and subtraction bonds to 20. - Check calculations. - Compare number sentences. - Related facts. - Bonds to 100 (tens). - Add and subtract 1s. 10 more and 10 less. - Add and subtract 10s. - Add a 2-digit and 1-digit number – crossing ten. - Subtract a 1-digit number from a 2-digit number – crossing 10. - Add two 2-digit numbers – not crossing ten – add ones and add tens. - Add two 2-digit numbers – crossing ten – add ones and add tens. - Subtract a 2-digit number from a 2-digit number – not crossing ten. - Subtract a 2-digit number from a 2-digit number – crossing ten – subtract ones and tens. - Bonds to 100 (tens and ones). - Add three 1-digit numbers.	- Recognise 2D and 3D shapes - Count sides on 2D shape - Draw 2D shapes - Lines of symmetry - Use a line of symmetry to finish a shape - Sort 2D shapes - Count faces on 3D shapes - Count edges on 3D shapes - Count vertices on 3D shapes - Sort 3D shapes - Make patterns with 3D shapes

Year 3	<u>Place Value</u>	<u>Addition and Subtraction</u>	<u>Multiplication and division</u>
	<u>Week 1-3</u>	<u>Week 4-8</u>	<u>Week 9 - 12</u>
	- Hundreds. - Represent numbers to 1,000. 100s, 10s and 1s (1). 100s, 10s and 1s (2). - Number line to 1,000. - Find 1, 10, 100 more or less than a given number. - Compare objects to 1,000. Compare numbers to 1,000. - Order numbers. - Count in 50s.	- Add and subtract multiples of 100. - Add and subtract 3-digit numbers and ones – not crossing 10. - Add 3-digit and 1-digit numbers – crossing 10. - Subtract a 1-digit number from a 3-digit number – crossing 10. - Add and subtract 3-digit numbers and tens – not crossing 100. - Add a 3-digit number and tens – crossing 100. - Add and subtract 100s. - Spot the pattern – making it explicit. - Add and subtract a 2-digit and 3-digit number – not crossing 10 or 100. - Add a 2-digit and 3-digit number – crossing 10 or 100. - Subtract 2-digit number from a 3-digit number cross the 10 or 100. - Add two 3-digit numbers – not crossing 10 or 100. - Add two 3-digit numbers – crossing 10 or 100. - Subtract a 3 –digit number from a 3-digit number – no exchange. - Subtract a 3-digit number from a 3-digit number – exchange. - Exchange answers to calculations	- Multiplication – equal groups. - Multiplying by 3. - Dividing by 3. - The 3 times-table. - Multiplying by 4. - Dividing by 4. - The 4 times-table. - Multiplying by 8. - Dividing by 8. - The 8 times-table.

Year 4	<u>Place Value</u>	<u>Addition and Subtraction</u>	<u>Measure – area</u>	<u>Multiplication and division</u>
	<u>Week 1-4</u>	<u>Week 5-7</u>	<u>Week 8</u>	<u>Week 9 – 11</u>
	- Roman numerals to 100. - Round to the nearest 10. - Round to the nearest 100. - Count in 1,000s. 1,000s, 100s, 10s and 1s. - Partitioning. - Number line to 10,000. 1,000 more or less. - Compare numbers. - Order numbers. - Round to the nearest 1,000. - Count in 25s. - Negative numbers.	- Add and subtract 1s, 10s, 100s and 1000s. - Add two 4-digit numbers – no exchange. - Add two 4-digit numbers – one exchange. - Add two 4-digit numbers – more than one exchange. - Subtract two 4-digit numbers – no exchange. - Subtract two 4-digit numbers – one exchange. - Subtract two 4-digit numbers – more than one exchange. - Efficient subtraction. - Estimate answers. - Checking strategies.	- What is area - Count squares - Makes shapes - Compare area	- Multiply by 10. - Multiply by 100. - Divide by 10. - Divide by 100. - Multiply by 1 and 0. - Divide by 1. - Multiply and divide by 6. 6 times-table and division facts. - Multiply and divide by 9. 9 times-table and division facts. - Multiply and divide by 7. 7 times-table and division facts.

Year 5	<u>Place Value</u>	<u>Addition and Subtraction</u>	<u>Multiplication and division</u>	<u>Fractions</u>
	<u>Week 1-3</u>	<u>Week 4-5</u>	<u>Week 6-8</u>	<u>Week 9 - 12</u>
	• Number to 10,000. • Roman numerals to 1,000. • Round to the nearest 10, 100 and 1000. • Number to 100,000. • Compare and order numbers to 100,000. • Round numbers within 100,000. • Numbers to a million. • Counting in 10s, 100s, 1,000s, 10,000s and 100,000s. • Compare and order numbers to a million. • Round numbers to a million. Negative numbers.	• Add whole numbers with more than 4- digits (column method). • Subtract whole numbers with more than 4-digits (column method). • Round to estimate and approximate. • Inverse operations (addition and subtraction). Multi-step addition and subtraction problems	• Multiples. • Factors. • Common factors. • Prime numbers. • Square numbers. • Cube numbers • Multiplying by 10, 100 and 1000. • Dividing by 10, 100 and 1000. • Multiples of 10, 100 and 1000.	• Find fractions equivalent to a unit fraction • Find fractions equivalent to a non-unit fraction • Recognise equivalent fractions • Convert improper fractions to mixed numbers • Convert mixed numbers to improper fractions • Compare fractions less than 1 • Order fractions less than 1 • Compare and order fractions greater than 1 • Add and subtract fractions with the same denominator • Add fractions within 1 • Add fractions with total greater than 1 • Add to a mixed number • Add two mixed numbers • Subtract fractions • Subtract from a mixed number • Subtract from a mixed number – breaking the whole • Subtract two mixed numbers

Year 6	Place Value	Four operations	Fractions A	Fractions B	Measurement
	Week 1-2	Week 3-7	Week 8– 11	Week 10 - 11	Week 12
	- Numbers to ten million. - Compare an order any number. - Round any numbers. - Negative numbers.	- Add and subtract whole numbers. - Multiply up to 4-digit by 1-digit number. - Short division. - Division using factors. - Long division (1 – 4) - Common factors. - Common multiples. - Primes. - Squares and cubes. - Order of operations. - Mental calculations and estimation. - Reasoning from known facts.	- Simplify fractions. - Fractions on a number line. - Compare & order (denominator). - Compare & order (numerator). - Add & subtract fractions (1 – 2) - Mixed addition and subtraction. - Multiply fractions by integers. - Multiply fractions by fractions. - Divide fractions by integers (1 – 2) - Four rules with fractions. - Fraction of an amount. - Finding the whole.	- Multiply fractions by integers - Multiply fractions by fractions - Divide a fraction by an integer - Mixed questions with fractions - Fraction of an amount - Fraction of an amount – find the whole	- Metric measures - Convert metric measures - Calculate with metric measures - Miles and kilometres - Imperial measures