Riverside Primary Academy

Mathematics Curriculum Overview EYFS

Year group Subject	Topic 1	Topic 2	Topic 3	Topic 4	Topic 5	Topic 6
Mathematics Specific Area	EYFS 1 - Numbers, shape, space and measure Counting. Number recognition, Number rhymes & songs, Colour and size matching, Shape matching, Sorting colours, Sorting sizes. Sorting shapes, Rote counting	EYFS 1 - Discuss large & small. Introduce medium. Order 3 sizes correctly. Snow balls and snowflakes used to organise in to size. Size matching Colour matching shape matching sort according to various attributes. Introduce sized equipment into sand & water. (Tidy up matching skills). Matching pairs of gloves / wellies etc.	EYFS 1 - Continue to use small, medium & large. Order 3 sizes correctly. Sort according to various attributes including shape. Introduce sized equipment into sand & water. (Tidy up matching skills). Introduce first, second & third. Long, longer, longest, short, shorter, shortest	EYFS 1 - Rote counting. Continue to use first, second & third. – Extend. One to one correspondence according to ability. One more. One less. Try writing 1, 2, 3. Jigsaws (insert), Dominoes – simple matching. Counting animals and comparing groups.	EYFS 1 - Rote counting. Measuring growth of plants using blocks to show it is getting bigger. Introduce longer and shorter. Introduce tall and short/ big and little. One more. One less.	EYFS 1 - Extend rote counting. Make matching pairs – socks, gloves, shoes etc. Reinforce size & ordering. Copying numbers to 5 (more if able). One to one correspondence. Counting (introduce word 'altogether'). Size ordering of chairs, bears, spoons and bowls.
	EYFS 2 - Counting to 5, 10, 20, 50 then 100 as appropriate for ability of pupils. Ordering numerals to 5, then 10 then further as appropriate. Revise colours & introduce terms 'light' & 'dark' as shades of every colour. 2D shapes. Practical 1 more than and 1 less than – age and ability appropriate.	EYFS 2 - One to one correspondence – at pupil's own level. Ordering and sorting activities for bigger, smaller etc. 3D shapes linked to Guy Fawkes. Add one more – practical. Take one away – practical, Make groups using decorations, Build upon nursery experience of the concept of 'altogether'. For those pupils who are ready, make addition and subtraction sentences as a small group. Counting backwards from 10.	EYFS 2 - Rote counting, counting forward & backward. Making groups of animals & counting them altogether. Making pairs (build upon nursery experience of pairs). Rote counting in 2's to 10 and beyond. Find a number one more/one less than. Ordering size. (Use ICT), Sorting according to type. Making sets.	EYFS 2 - Rote counting. Sorting & matching activities Jigsaws (not insert Jigsaws) Matching games & puzzles. Some animals have 2 legs – count in 2's up to 10. Count forwards & backwards. Written addition and subtraction (+1 or -1). Two more than/2 less than (introduce number line). ICT patterns (colour, shape & number) Introduce the concept of Money and price. 1p 2p 5p 10p	EYFS 2 - Revise size and shapes Counting in 2's up to 20 and beyond. Counting forwards & backwards. Rote counting to 100. Adding and subtracting including age appropriate number sentences.	EYFS 2 - Revise all shapes and extend previous knowledge. Addition & subtraction mixed calculations. (written form with practical equipment to assist). Measure length & width of seaside objects using blocks. Revise number recognition. Revise one to one correspondence up to 20 and beyond.

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Mathematics Curriculum Overview Key Stage One

(The number inside the brackets identifies the number of objectives for the strand.)
The highlighted strands have greater weighting within the year group

Year 1	Topic 1	Topic 2	Topic 3	Topic 4	Topic 5	Topic 6
	Number and Place Value (5 over the year) Diagnostic for unit Plan from diagnostic Approx. 4 – 5 weeks **Addition, Subtraction(5 over the year), Multiplication and Division (1 over the year)** Diagnostic for unit Plan from diagnostic Approx. 5-6 weeks		**Fractions and Decimals(2 over the year)** Diagnostic for unit Plan from diagnostic Approx. 2 weeks **Measurement (12 over the year)** Diagnostic for unit Plan from diagnostic Approx. 3-4 weeks **Geometry – shapes(2 over the year), position (1 over the year)** Diagnostic for unit Plan from diagnostic Approx. 1-2 weeks **Number and Place Value (5 over the year)** Approx. 4- 5 weeks End-topic assessment to check progress and extension for Greater Depth pupils.		**Addition, Subtraction(5 over the year), Multiplication and division (1 over the year)** Approx. 4 - 5 weeks End-topic assessment to check progress and extension for Greater Depth pupils. **Fractions and Decimals(2 over the year)** Approx. 2 weeks End-topic assessment to check progress and extension for Greater Depth pupils. **Measurement (12 over the year)** Approx. 3-4 weeks End-topic assessment to check progress and extension for Greater Depth pupils. **Geometry – shapes(2 over the year), position (1 over the year)** Approx. 1-2 weeks End-topic assessment to check progress and extension for Greater Depth pupils.	

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Mathematics Curriculum Overview Key Stage One

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Year 2	Topic 1	Topic 2	Topic 3	Topic 4	Topic 5	Topic 6
	Analysis work from SPTO approx. 2 **Number and Place Value (7 over the year)** Diagnostic for unit Plan from diagnostic Approx. 4 – 5 weeks **Addition, Subtraction(9 over the year), Multiplication and Division (4 over the year)** Diagnostic for unit Plan from diagnostic Approx. 6-7 weeks		**Fractions and Decimals (2 over the year)** Diagnostic for unit Plan from diagnostic Approx. 2 weeks **Measurement (8 over the year)** Diagnostic for unit Plan from diagnostic Approx. 2-3 weeks **Geometry – shapes(4 over the year), position (2 over the year)** Diagnostic for unit Plan from diagnostic Approx. 1-2 weeks **Statistics Ratio, Proportion, Algebra (3 over the year)** Approx. 1 week **Number and Place Value (7 over the year)** Approx. 4- 5 weeks End-topic assessment to check progress and extension for Greater Depth pupils.		**Addition, Subtraction(9 over the year), Multiplication and division (4 over the year)** Approx. 4 - 5 weeks End-topic assessment to check progress and extension for Greater Depth pupils. **Fractions and Decimals(2 over the year)** Approx. 2 weeks End-topic assessment to check progress and extension for Greater Depth pupils. **Measurement (8 over the year)** Approx. 3-4 weeks End-topic assessment to check progress and extension for Greater Depth pupils. **Geometry – shapes (4 over the year), position (2 over the year)** Approx. 1-2 weeks End-topic assessment to check progress and extension for Greater Depth pupils. **Statistics Ratio, Proportion, Algebra (3 over the year)** Approx. 1 week End-topic assessment to check progress and extension for Greater Depth pupils.	

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Mathematics Curriculum Overview – Lower Key Stage Two

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Year 3	Topic 1	Topic 2	Topic 3	Topic 4	Topic 5	Topic 6
	Analysis work from SPTO approx. 2 **Number and Place Value (7 over the year)** Approx. 2 weeks Mid-topic assessment to check progress **Addition, Subtraction(6 over the year), Multiplication and Division (3 over the year)** Approx. 4 weeks Mid-topic assessment to check progress **Fractions and Decimals(8 over the year)** Approx. 3 weeks Mid-topic assessment to check progress *(begin in autumn term and carry in to spring)*		**Measurement (9 over the year)** Approx. 4 - 5 weeks Mid-topic assessment to check progress **Geometry – shapes (6 over the year),** Approx. 2-3 weeks Mid-topic assessment to check progress **Statistics (2 over the year)** Approx. 1 week Mid-topic assessment to check progress **Number and Place Value (7 over the year)** Approx. 2 - 3 weeks End-topic assessment to check progress and extension for Greater Depth pupils.		**Addition, Subtraction(6 over the year), Multiplication and Division (3 over the year)** Approx. 3 - 4 weeks End-topic assessment to check progress and extension for Greater Depth pupils. **Fractions and Decimals(8 over the year)** Approx. 2- 3 weeks End-topic assessment to check progress and extension for Greater Depth pupils. **Measurement (9 over the year)** Approx. 3 - 4 weeks End-topic assessment to check progress and extension for Greater Depth pupils. **Geometry – shapes(6 over the year),** Approx. 2 – 3 End-topic assessment to check progress and extension for Greater Depth pupils. **Statistics (2 over the year)** Approx. 1-2 weeks End-topic assessment to check progress and extension for Greater Depth pupils.	

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Mathematics Curriculum Overview – Lower Key Stage Two

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Year 4	Topic 1	Topic 2	Topic 3	Topic 4	Topic 5	Topic 6
	Analysis work from SPTO approx. 2 **Number and Place Value (9 over the year)** Approx. 3 weeks Mid-topic assessment to check progress **Addition, Subtraction(3 over the year), Multiplication and Division (7 over the year)** Approx. 4 weeks Mid-topic assessment to check progress **Fractions and Decimals(10 over the year)** Approx. 4 weeks Mid-topic assessment to check progress *(begin in autumn term and carry in to spring)*		**Measurement (6 over the year)** Approx. 3 - 4 weeks Mid-topic assessment to check progress **Geometry – shapes (4 over the year), Position (3 over the year)** Approx. 2 weeks Mid-topic assessment to check progress **Statistics (2 over the year)** Approx. 1 weeks Mid-topic assessment to check progress **Number and Place Value (9 over the year)** Approx. 3 - 4 weeks End-topic assessment to check progress and extension for Greater Depth pupils.		**Addition, Subtraction(3 over the year), Multiplication and Division (7 over the year)** Approx. 4 - 5weeks End-topic assessment to check progress and extension for Greater Depth pupils. **Fractions and Decimals(10 over the year)** Approx. 4 – 5 weeks End-topic assessment to check progress and extension for Greater Depth pupils. **Measurement (6 over the year)** Approx. 2 - 3weeks End-topic assessment to check progress and extension for Greater Depth pupils. **Geometry – shapes(4 over the year), Position (3 over the year)** for unit Approx. 2 – 3 End-topic assessment to check progress and extension for Greater Depth pupils. **Statistics (2 over the year)** Approx. 2 - 3 weeks End-topic assessment to check progress and extension for Greater Depth pupils.	

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Mathematics Curriculum Overview – Upper Key Stage Two

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The highlighted strands have greater weighting within the year group

Year 5	Topic 1	Topic 2	Topic 3	Topic 4	Topic 5	Topic 6
	Analysis work from SPTO approx. 2 **Number and Place Value (6 over the year)** Approx. 2 weeks Mid-topic assessment to check progress **Addition, Subtraction(4 over the year), Multiplication and Division (11 over the year)** Approx. 4 weeks Mid-topic assessment to check progress **Fractions and Decimals(12 over the year)** Approx. 3 weeks Mid-topic assessment to check progress *(begin in autumn term and carry in to spring)*		**Measurement (7 over the year)** Approx. 3 - 4 weeks Mid-topic assessment to check progress **Geometry – shapes (8 over the year), Position (1 over the year)** Approx. 3 weeks Mid-topic assessment to check progress **Statistics (2 over the year)** Approx. 2 weeks Mid-topic assessment to check progress **Number and Place Value (6 over the year)** Approx. 2 weeks End-topic assessment to check progress and extension for Greater Depth pupils.		**Addition, Subtraction(4 over the year), Multiplication and Division (11 over the year)** Approx. 4 End-topic assessment to check progress and extension for Greater Depth pupils. **Fractions and Decimals(12 over the year)** Approx. 3 weeks End-topic assessment to check progress and extension for Greater Depth pupils. **Measurement (7 over the year)** Approx. 2 - 3weeks End-topic assessment to check progress and extension for Greater Depth pupils. **Geometry – shapes(8 over the year), Position (1 over the year)** approx. 2 – 3 End-topic assessment to check progress and extension for Greater Depth pupils. **Statistics (2 over the year)** Approx. 2 - 3 weeks End-topic assessment to check progress and extension for Greater Depth pupils.	

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Mathematics Curriculum Overview – Upper Key Stage Two

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The highlighted strands have greater weighting within the year group

Year 6	Topic 1	Topic 2	Topic 3	Topic 4	Topic 5	Topic 6
	Analysis work from SPTO approx. 2 **Number and Place Value (4 over the year)** Mid-topic assessment to check progress **Addition, Subtraction(0 over the year), Multiplication and Division (9 over the year)** Mid-topic assessment to check progress **Fractions and Decimals(11 over the year)** Mid-topic assessment to check progress *(begin in autumn term and carry in to spring)* **Measurement (7 over the year)** Mid-topic assessment to check progress **Geometry – shapes (5 over the year), Position (2 over the year)** Mid-topic assessment to check progress **Ratio (4 over the year) Algebra (5 over the year) Statistics (2)** Mid-topic assessment to check progress		**Number and Place Value (4 over the year)** Approx. 1 weeks End-topic assessment to check progress and extension for Greater Depth pupils. **Addition, Subtraction(0 over the year), Multiplication and Division (9 over the year)** Approx. 3 weeks End-topic assessment to check progress and extension for Greater Depth pupils. **Fractions and Decimals(11 over the year)** Approx. 3 weeks End-topic assessment to check progress and extension for Greater Depth pupils. **Measurement (7 over the year)** Approx. 3weeks End-topic assessment to check progress and extension for Greater Depth pupils. **Geometry – shapes(5 over the year), Position (2 over the year)** Approx. 3 End-topic assessment to check progress and extension for Greater Depth pupils. **Ratio (4 over the year) Algebra (5 over the year) Statistics (2)** Approx. 3 weeks		Revision for SATs Preparation for mathematics in secondary school. Links with maths skills for future careers, managing money and budgeting.	

		End-topic assessment to check progress and extension for Greater Depth pupils.	