St Stephens Community Academy - Maths Scheme of Learning (Year 3) 2016						
Year 3	**Autumn Term**		**Spring Term**		**Summer Term**	
Week	**1**	**2**	**1**	**2**	**1**	**2**
1	**Number - Place Value** Read and write numbers up to 1000 in numerals and in words	**Number – Multiplication & Division , (Mental & Informal Methods)** recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	**Number - Place Value (Counting, sequencing & Mental Addition & Subtraction** read and write numbers up to 1000 in numerals and in words recognise the place value of each digit in a three-digit number (hundreds, tens, ones) Pupils should be taught to add and subtract numbers mentally including: a three-digit number and ones a three digit number and tens a three digit number and hundreds	**Number/Statistics** **Addition & subtraction: Written methods in the context of bar charts, pictograms & tables.** Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction	**Number - Place value** Count from 0 in multiples of 4, 8, 50 and 100 find 10 or 100 more or less than a given number Measure, compare, add & subtract lengths (m, cm, mm), mass (kg,/g), volume/capacity (l/ml).	**Number/Statistics** **Addition, Subtraction, Multiplication & Division**
2	**Number - Place Value, Mental Addition & Subtraction** Pupils should be taught to add and subtract numbers	**Number - Multiplication** Write and calculate mathematical statements for multiplication and division using the multiplication tables that	**Number** **Counting & mental Multiplication & Division (inc informal methods)**	**Number** **(Measurement)** **Addition &**	**Number - Addition & Subtraction:** Add and subtract numbers with up to three digits, using formal	**Number – Fractions** Count up and down in tenths; recognize that tenths arise from dividing an object into 10 equal parts and in

	mentally including: a three-digit number and ones a three digit number and tens a three digit number and hundreds	they know, including for two-digit numbers x one-digit numbers, using mental and progressing to formal written methods	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	**Subtraction of Money**	written methods of columnar addition and subtraction	dividing one digit numbers or quantities by 10 Recognise and show, using diagrams, equivalent fractions with small denominators
3	**Number – Written, Addition** Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction	**Number – Division** Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers x one-digit numbers, using mental and progressing to formal written methods	**Number - Multiplication & Division** Write and calculate mathematical statements for ÷ using the x tables that they know, including 2 digit no's, I digit no using mental and progressing onto formal written methods	**Measurement- time** Compare durations of events [for example to calculate the time taken by particular events or tasks]	**Number - Addition & Subtraction, Money** Count up and down in tenths; recognize that tenths arise from dividing an object into 10 equal parts and in dividing one digit numbers or quantities by 10	**Number – Fractions** **Addition & Subtraction** Add and subtract fractions with the same denominator within one whole (for example 5/7 + 1/7 = 6/7)
4	**Number - Written, Subtraction** Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction	**Number** **Addition & subtraction of money** Add and subtract amounts of money to give change, using both £ and p in practical contexts	**Number – Fractions** Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators Recognise and use fractions as numbers: unit fractions and non- unit fractions with small denominators	**Measurement: length, mass, volume, capacity**	**Number - Multiplication & Division: Practical context of measures** Write and calculate mathematical statements for multiplication and division using the multiplication tables that	**Measurement- Time** Compare durations of events [for example to calculate the time taken by particular events or tasks

					they know, including for two-digit numbers x one-digit numbers, using mental and progressing to formal written methods	
5	**Statistics - Bar Charts, Pictograms & tables** Interpret and present data using bar charts, pictograms and tables	**Measurement - Time** tell and write the time from an analogue clock including using roman numerals form 1 to X11 and 12 hour and 24 hour clocks	**Number – Fractions** **Addition & Subtraction** Add and subtract fractions with the same denominator within one whole (for example 5/7 + 1/7 = 6/7)	**Geometry: 2-D & 3-D Perimeter, shape including angles**	**Geometry:** **2-D shape and angles** identify right angles, recognise that two right angles make a half-turn, three make three-quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle	**Statistics** Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables
6	**Geometry & Measurement, 2-D shapes & their properties, Length.** Draw 2-D shapes Measure the perimeter of simple 2D shapes Recognise angles as a property of a shape or a description of a turn	**Geometry - 3-D shape** Make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them	**Measurement- Volume & Capacity** measure, compare, add and subtract: lengths, (m/cm/mm): volumes and capacity	**Assess & review week**	**Geometry:** **3-D shape** Make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them	**Assess and review**