


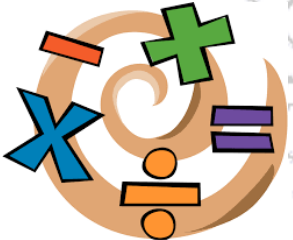
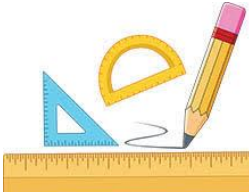



East Tilbury Primary School's Maths Curriculum Map

Year 1	HT1	HT2	HT3	HT4	HT5	HT6
	<p><u>Strands:</u> Place value – within 10 Addition – within 10 Subtraction – within 10 2D & 3d Shape – names and number of sides/faces/edges/vertices</p> <p><u>Times tables:</u> Number bonds to 10</p>		<p><u>Strands:</u> Addition – within 20 Subtraction – within 20 Place Value – within 20 Measurement – length & height Measurement – mass (weight) & volume</p> <p><u>Times tables:</u> Number bonds to 20</p>		<p><u>Strands:</u> Multiplication – count in 2s, 5s, 10s, make arrays, make doubles, recognise and add equal groups Division – make equal groups: grouping, make equal groups: sharing Fractions – recognise and find $\frac{1}{2}$ of an object or shape, recognise and find $\frac{1}{2}$ of a quantity; recognise and find $\frac{1}{4}$ of an object or shape, recognise and find $\frac{1}{4}$ of a quantity Position & Direction Place Value Measurement – money – recognise coins, count in coins Time – days of the week, months of the year, hours, minutes, seconds, tell the time to the hour, tell the time to the half hour</p> <p><u>Times tables:</u> Number bonds to 100</p>	

Year 2			
	<p><u>Strands:</u> Place Value – to 100 Addition – to 100, add to the next ten, add across tens, add 2 digits to 2 digits Subtraction – to 100, subtract across ten, subtract from a ten, subtract 2 digits from 2 digits Shape 2D and 3D – count sides and vertices, draw 2D shapes, recognise and draw lines of symmetry, use lines of symmetry to complete shapes, count faces, edges and vertices of 3D shapes <u>Times tables:</u> Two, Ten, five, count in 3s</p>	<p><u>Strands:</u> Money – count pence and pounds (notes and coins), count pounds and pence, chose notes and coins, make the same amount, compare amounts, calculate with money, make a pound Multiplication – recognise, add and make equal groups, use arrays, doubling, Division – make equal groups by grouping and sharing, halving, Odd and even numbers, multiply and divide by 10 and 5 Length and Height – measure in metres and centimetres, compare and order lengths and heights Mass, Capacity, temperature – compare mass, measure in grams and kilogrammes, volume and capacity, measure in g, kg, ml, litres <u>Times tables:</u> Ten, Five, Three</p>	<p><u>Strands:</u> Measurement – length & height Position & Direction Measurement – time Measurement – mass, capacity & temperature <u>Times tables:</u> Two, Five, <u>Ten</u>, Three</p>
Year 3			
	<p><u>Strands:</u> Place Value – to 1000 Addition – across 10s and 100s Subtraction – across 10s and 100s with exchange Multiplication – multiply two-digit numbers by 3, 4 and 8</p>	<p><u>Strands:</u> Multiplication – multiples of ten, multiply a two-digit number by a one-digit number with exchange Division – divide a two-digit number by a one-digit number with flexible exchange and with remainders</p>	<p><u>Strands:</u> Fractions – add fractions, subtract fractions, partition the whole, fractions of a set of objects Measurement – time – start and end times, units of time, duration of time Properties of shape – horizontal, vertical, parallel and perpendicular</p>

	<p>Division – divide by 3, 4 and 8 within the 12 times table</p> <p><u>Times tables:</u> Three Four</p>	<p>Measurement – length and perimeter, measure in metres, centimetres and millimetres, equivalent lengths, compare lengths, add and subtract lengths, measure and calculate perimeter Fractions – unit and non-unit fractions, fractions on a number line, compare and order fractions, equivalent fractions Mass and Capacity – grams and kilograms, compare mass, add and subtract mass. Millilitres and litres, compare capacity, add and subtract capacity</p> <p><u>Times tables:</u> Three, Four, Eight</p>	<p>lines, measure and draw polygons accurately, 2D and 3D shapes Statistics – pictograms, bar charts, collect and represent data</p> <p><u>Times tables:</u> Three Four Eight</p>
Year 4			
	<p><u>Strands:</u> Place Value – to 1000 and 10000, Roman Numerals Addition – up to four-digits with exchange Subtraction – up to four-digits with exchange Measurement – area, count squares, make shapes, compare areas Multiplication and division – multiply and divide by 6, 9 and 7. 11 and 12 times tables, multiply three numbers</p> <p><u>Times tables:</u> Six, Seven, Nine, Eleven, Twelve</p>	<p><u>Strands:</u> Multiplication and Division – find factor pairs, multiply and divide by 10 and 100, multiply and divide two and three digit numbers by one digit, correspondence problems, efficient multiplication Measurement – length and perimeter – perimeter of rectilinear shapes, perimeter of polygons Fractions – the whole, fractions beyond one, mixed numbers, improper fractions Decimals – tenths and hundredths</p> <p><u>Times tables:</u> All to 12 x 12</p>	<p><u>Strands:</u> Decimals – partition, compare, order, rounding to whole number and to tenths Measurement – money – convert pounds to pence and pence to pounds, compare amounts, calculate amounts, solve problems involving money Measurement – time – analogue and digital times, 24 hour clock times Statistics – charts, line graphs, collect and represent data, read data Properties of shape – angles, angles in triangles, quadrilaterals and polygons, symmetry</p>

	Twelve		Position & Direction – coordinates in the first quadrant, translation of triangles and rectilinear shapes <u>Times tables:</u> All
Year 5			
	<p><u>Strands:</u> Place Value – to 100,000 and to 1,000,000 Addition and Subtraction – inverse operations, multi-step problems, find missing numbers Multiplication and Division – common multiples, common factors, prime numbers, square numbers, multiply and divide by 10, 100 and 1,000 Fractions – equivalent non-unit fractions, convert mixed numbers and improper fractions, compare and order unit, non-unit, mixed number and improper fractions, add and subtract fractions with different denominators, add and subtract mixed numbers</p> <p><u>Times tables:</u> All</p>	<p><u>Strands</u> Multiplication – short and long multiplication, problem solving involving multiplication Division – short division – formal method, divide with remainders Fractions – multiply fractions by an integer, calculate a fraction of a quantity, find the whole, use fractions as operators Decimals – tenths, hundredths, thousandths, equivalent fractions and decimals, compare and order up to 2 decimal places, rounding to tenths and hundredths Percentages – as fractions, percentages as decimals, equivalent decimals, fractions and percentages Perimeter and Area – perimeter of rectilinear shapes, area of rectangles, area of compound shapes</p> <p><u>Times tables:</u> All</p>	<p><u>Strands</u> Properties of shape – 3D shapes, regular and irregular polygons, measure and draw angles, calculate angles Position & Direction – read and plot coordinates in the first quadrant, translation, reflection Number – negative numbers, count through zero, find the difference, compare and order negative numbers Measurement – Converting Units – kg, km, mm, ml, units of length, units of time, read timetables</p> <p><u>Times tables:</u> All</p>

Year 6			
	<p><u>Strands</u> Place Value – to 10,000,000, powers of 10, rounding, compare and order any integer, negative numbers Addition, Subtraction, Multiplication, Division – common factors, common multiples, square and cube numbers, short and long multiplication, short division and introduction to long division, order of operations Fractions – add and subtract, fractions in multi-step problems, multiply and divide fractions by integers, multiply fractions by fractions, find fractions of an amount, from a fraction of an amount find the whole Measurement – convert metric measures, compare miles and km, imperial measures</p> <p><u>Times tables:</u> All</p>	<p><u>Strands</u> Ratio – language of ratio, ratio and fractions, scale drawing, scale factors, ratio and proportion, problem solving Algebra – function machines, form expressions, substitution, formulae, form equations, solve problems, solve problems with two unknowns Decimals – multiply and divide by 10, 100, 1000, integers and decimals, rounding decimals, multiply and divide decimals Measurement – area, perimeter and volume – area of a triangle, area of a parallelogram, volume – counting cubes, volume using a formula Statistics – line graphs, dual bar charts, read and interpret pie charts, the mean</p> <p><u>Times tables:</u> All</p>	<p><u>Strands</u> Properties of Shape – angles in a triangle, angles in quadrilaterals, angles in polygons, circles, nets of 3D shapes Position and Direction – coordinates in all four quadrants, translation Revision of all Strands Post SATs – projects, financial / life skills learning</p> <p><u>Times tables:</u> All</p>

Together Everyone Achieves More
 Primary School