Peters Hill Primary School

LONG TERM PLANNING DOCUMENT AND KEY ASSESSMENT FRAMEWORK YEARS 1-6

Whole School Maths Overviews

Mathematics – Year 1			
Place Value	I can count to and across 100, forwards and backwards, from any given number.		
	I can identify and represent numbers using objects and pictorial presentations, including the number line.		
	I can identify one more/one less from a given number.		
	I can read and write numbers from 1 to 100 in numerals.		
	I can read and write numbers from 1 to 20 in words and numerals.		
Addition	I know my number bonds to 20.		
	I can solve missing number problems such as 7 = ? + 3		
	I can solve one-step problems that involve addition, using practical resources and pictures.		
	I can add one digit and two digit numbers up to 20, including zero.		
Subtraction	I can solve missing number problems such as 7 = ? - 9		
	I can use related subtraction facts to 20.		
	I can solve one step problems that involve subtraction, counting back and on a structured numberline.		
	I can solve one step problems that involve subtraction, using practical resources and pictures.		
	I can take away one digit and two digit numbers up to 20, including zero.		
Multiplication	I can solve one step problems involving multiplications using practical resources, pictures and arrays with support.		
iviuitipiication	I can count in 2s, 5s and 10s.		
Division	I can solve one step problems involving division by grouping practical resources and using pictures.		
	I can solve one step problems involving division by sharing practical resources and using pictures.		
Fractions	I can recognise, find and name a quarter of an object, shape or quantity.		
Tractions	I can recognise, find and name a half of an object, shape or quantity.		
Problem Solving	I can solve practical problems in the context of measure e.g. length, weight, capacity and time.		
I can solve multiplication and division 1 step word problems using concrete apparatus (2, 5 and 10 x to			
	I can solve addition and subtraction 1 step word problems using concrete apparatus.		
Measures	I can recognise and know the value of different denominations of coins and notes.		
	I can measure and begin to record lengths/heights, weight/mass and capacity.		
Time	I can tell the time to half past the hour and draw the hands on a clock face to show these times.		
Time	I can tell the time to the hour and draw the hands on a clock face to show these times.		
	I can recognise and use language relating to dates including days of the week, weeks, months and years.		
	I can sequence events in chronological order using before, after, today, tomorrow etc.		
Shape	I can recognise and name common 3-D shapes (cuboids, cubes, pyramids, spheres).		
Shape	I can recognise and name common 2D shapes (rectangles, circles, squares, triangles).		
Danitian	I can describe position, direction and movement including whole, half, quarter and three quarter turns.		
Position	I can describe position, direction and movement including whole, half, quarter and three quarter turns.		

Mathematics – Year 2			
Place Value	I can count in twos from any number including crossing boundaries into hundreds.		
	I can identify, represent and estimate numbers in different ways, including the number line.		
	I can recognise the place value of each digit in a 2 digit number (tens, ones).		
	I can read and write numbers to 100 in numerals and words.		
	I can identify odd and even numbers up to 20.		
	I can use place value and number facts to solve problems.		
	I can compare and order numbers from 0 up to 100 using > < and = signs.		
	I can count in tens from any number including crossing boundaries into hundreds.		
	I can estimate (an addition calculation) and round two digit numbers to the nearest 10.		
Times Tables	I can recall and use multiplication and division facts for 2, 5 and 10 times tables.		
Addition	I can use known number facts to work out related number facts to 100 e.g. I know 5+4 =9, so I know 50+40=90.		
	I can add 10 to any 2 digit number mentally.		
	I can show that addition can be done in any order.		
	I can add tens and ones using a 100 square or an unstructured number line.		
	I can recognise and use inverse relationships to check my answer and solve missing number problems.		
	I can solve problems with addition using practical resources, pictures, mental and written strategies including numbers, quantities and measures.		
	I can add 2 two digit numbers using an unstructured number line or in columns (crossing a tens boundary).		
	I know my addition facts to 20 fluently.		
Subtraction	I know my subtraction facts to 20 fluently.		
Subtraction	I can use known number facts to work out related number facts to 100 e.g. 8-3=5 so I know that 80-30=50.		
	I can subtract 10 from any number mentally.		
	I can show that subtraction cannot be done in any order.		
	I can take away tens and ones, counting back on a 100 square or an unstructured number line.		
	I can recognise and use inverse relationships to check my answer and solve missing number problems.		
	I can solve problems with subtraction using practical resources, pictures, mental and written strategies including numbers, quantities and measures.		
	I can take away 2 two digit numbers using an unstructured number line or in columns (crossing a tens boundary).		
Multiplication	I can recall and use multiplication facts for 2, 5 and 10 times tables.		
- manupiloution	I can solve problems involving multiplication, using materials, arrays, repeated addition, mental methods, and multiplication facts, including problems in contexts.		
	I know that multiplication can be done in any order.		
	I can calculate mathematical statements and write them using the multiplication (x) and equals (=) signs.		
	I can solve problems involving division, using materials, arrays, repeated addition, mental methods, and division facts,		
Division	including problems in contexts. I can recall and use division facts for 2, 5 and 10.		
	I can show that division of two numbers cannot be done in any order.		
	I can calculate mathematical statements and write them using the division and equals signs.		
	I can count in halves and quarters up to 10 recognising that fractions are numbers between a whole number.		
Fractions	I can recognise the equivalence of 2/4 and 1/2.		
	I can recognise, find, name and write fractions 1/3, 1/4, 2/4 and 3/4 of a length, shape, set of objects or quantity.		
Problem	I can solve simple money problems involving addition and finding the change (£ or pence).		
Solving	I can use place value and number facts to solve problems.		
	I can solve simple word problems involving addition and subtraction with numbers up to 50.		
	I can solve missing number problems for addition and subtraction with numbers up to 20.		
Maggings	I can find different combination of coins that equal the sane amounts.		
Measures			

	I can combine amounts to make a particular value e.g. make 3p using 2p and 1p.
	I can recognise and use symbols for pounds and pence.
	I can compare and order measures and record using < > and =
	I can choose appropriate units of measure to estimate length/height, weight/mass, capacity and temperature.
	I can measure using appropriate equipment e.g. ruler, weighing scales, measuring jugs, thermometers.
Time	I can tell and write the time to five minute intervals and draw the hands on a clock face to show these times.
	I can tell and write the time to quarter past/to the hour and draw the hands on a clock face to show these times.
	I can compare and sequence intervals of time.
	I know how many minutes in an hour and how many hours in a day.
Statistics	I can ask and answer questions about totalling and comparing data.
	I can ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.
	I can construct simple pictograms, tally charts, block diagrams and simple tables.
Shape	I can compare and sort common 2D and 3D shapes and everyday objects.
'	I can identify 2D shapes on the surface of 3D shapes e.g. z circle on a cylinder.
	I can identify and describe the properties of 3D shapes, including the number of edges.
	I can identify and describe the properties of 3D shapes, including the number of vertices.
	I can identify and describe the properties of 3D shapes, including the number of faces.
	I can identify and describe the properties of 2D shapes, including the number of sides and symmetry in a vertical line.
Position	I can recognise a rotation as a turn and I can make quarter turns, half turns, three quarter turns and whole turn including clockwise and anti-clockwise.
	I can use mathematical vocabulary to describe position, direction and movement including movement in a straight line.
	I can order and arrange combinations of mathematical objects in patterns and sequences.

	Mathematics Year 3			
Place Value	I can solve number problems using my knowledge of place value.			
	I can count in tens and hundreds and can add or subtract 10 or 100 from any given number up to 1000.			
	I can compare and order numbers up to 1000.			
	I can read and write numbers up to 1000 in numerals and words.			
	I can understand the value of each digit in a 3 digit number.			
	I can recall and use the multiplication and division facts for the 8 times table recognising its			
Times Tables	relationship to the 4 times table.			
	I can recall and use the multiplication and division facts for the 4 times table.			
	I can recall and use the multiplication and division facts for the 3 times table.			
Addition	I can estimate the answer to an addition calculation or use the inverse to check it is correct.			
	I can add 2 digit numbers and 3 digit numbers using expanded column addition.			
	I can add mentally a 3 digit number and hundreds.			
	I can add mentally a 3 digit number and tens.			
	I can add mentally a 3 digit number and ones/units.			
	I can add 2 digit numbers and 3 digit numbers using column addition.			
Subtraction	I can subtract 2 and 3 digit numbers using column subtraction with decomposition.			
	I can subtract 2 and 3 digit numbers using column subtraction without decomposition.			
	I can estimate the answer to a subtraction calculation or use the inverse to check it is correct.			
	I can partition a number and subtract (2 and 3 digit numbers).			
	I can subtract mentally 3 digit numbers and hundreds.			
	I can subtract mentally 3 digit numbers and tens.			
	I can subtract mentally 3 digit numbers and ones/units.			
Multiplication	I can partition a number into 10's and ones to multiply (distributive law).			
··· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ··	I can use related facts to multiple multiples of 10 e.g. 2x3=6 2x30=60			
	I can explore the effect of partitioning a number to multiply (distributive law) e.g. exploring 7x8 by			
	splitting 7 into 2+5 then calculating 2x8 + 5x8			
	I can write multiplication statements using tables that I know.			
Division	I can divide 2 digit numbers by another number using the tables I know.			
Fractions	I can work out fractions of amounts for common fractions e.g. 1/2, 1/4, 1/3, 1/5 of a set of objects.			
	I can add and subtract fractions with the same denominator within a whole e.g. $2/5 + 1/5 = 3/5$.			
	I can compare and order fractions with the same denominator e.g. say which is bigger 2/5 or 4/5?			
	I can recognise non-unit fractions of a shape.			
	I can recognise unit fractions of a shape.			
	I can recognise and show using pictures, simple equivalent fractions e.g. 1/2=2/4=3/6, 1/3=2/6.			
	I can compare and order unit fractions with the support of fraction boards and number lines.			
	I can work out simple non-unit fractions of amounts e.g. 3/4 of a set of objects.			
	I can divide a 1 digit number by ten and write it as a decimal (using a place value board) e.g.			
Decimals	1/10=0.1			
Decimais	I can count in tenths and understand a tenth as part of a whole divided into equal parts.			
	I can show that tenths arise from dividing an object into 10 equal parts.			
Problem	I can solve simple 1 step word problems involving multiplication and division.			
Solving	real solve simple 1 step word problems involving multiplication and division.			
30141118	I can solve 1 step word problems involving addition and subtraction (inc numbers beyond 100).			
	I can solve simple scaling problems (e.g twice as far) and simple correspondence problems (e.g.			
	share 4 cakes equally between 8 children).			
	I can solve missing number problems for multiplication and division with numbers up to 100 using			
	my knowledge of number facts.			
	I can solve money problems involving addition and finding the change.			
Property of	I can recognise patterns in some multiplication tables (2, 5, 10, 4 and 8).			
number	real recognise patterns in some multiplication tables (2, 5, 10, 4 and 6).			
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N.4	I can read measures in mixed units e.g. 1m and 23 cm and can convert simple whole units e.g. 5m					
Measures	= 500cm.					
	I can compare, add and subtract measures.					
	I can read measuring instruments with a wider range of unit measurements e.g. cm, mm, m, g, kg,					
	l, ml.					
	I can use the vocabulary of time and know the number of seconds ina minute, days in each month,					
Time	year and leap year.					
	I understand and use the vocabulary such as o'clock, am, pm, noon and midnight.					
	I can read the time on a digital clock (12 and 24 hour).					
	I can read an analogue clock with Roman numerals.					
	I can calculate and compare time durations.					
	I can read and write the time to the nearest minute on an analogue clock.					
	I can read time in seconds, minutes and hours and can compare lengths of time e.g. which is					
	longer.					
Perimeter and	I can find the perimeter of simple 2D shapes by counting the sides of squares and measuring					
Area	(whole cm).					
	I can solve simple 2 step problems using the information presented in charts and graphs e.g. hoe					
Statistics	many more/fewer? (scales 2, 5, 10).					
	I can solve one step problems using the information presented in charts and graphs e.g. how many					
	with a scale of 2,5 and 10.					
	I can present data in charts and graphs including using a scale of 2, 5 and 10.					
	I can draw 2D shapes and describe them using my knowledge of properties e.g. sides, lines and					
Shape	angles.					
	I can recognise right angles in 2D shapes and say if an angle is greater or less than a right angle					
	(bigger, smaller, <, >)					
	I can identify right angles and describe how right angles can make up 1/4, 1/2, 3/4 and a whole					
	turn.					
	I can identify horizontal and vertical lines and pairs of perpendicular and parallel lines.					
	I can recognise a 3D shape in different orientations.					
	I can make 3D shapes using modelling materials and name and describe their properties.					
	The state of the properties.					

	Mathematics Year 4				
Place Value	I can compare and order numbers beyond 1000.				
	I can understand the value of each digit in a 4 digit number.				
	I can count backwards through zero to include negative numbers.				
	I can round any whole number to the nearest 10, 100 or 1000.				
	I can say 1000 more or less than any given number.				
Times Tables	I can recall and use the multiplication and division facts for all tables up to 12 x 12.				
Times rables	I can recall and use the multiplication and division facts for the t times table.				
	I can recall and use the multiplication and division facts for the 9 times table recognising their relationship to				
	the 3 and 6 times tables.				
	I can recall and use the multiplication and division facts for the 6 times table recognising their relationship to				
	the 3 times table.				
Addition	I can add money with decimal places using the formal column addition.				
	I can check an answer using the inverse or estimate.				
	I can add 3 and 4 digit numbers using formal column addition.				
Subtraction	I can check an answer using the inverse or estimation.				
	I can recognise when to use column subtraction and when to use a number line.				
	I can subtract 3 and 4 digit numbers using formal column subtraction.				
	I can subtract money including decimals using a number line e.g. finding the change from £500.				
	I can multiply 3 numbers, combining them in different ways and using my knowledge of number facts to make				
Multiplication	it easier e.g. 2x6x5=10x6 derived from (2x5)x6				
	I can use a formal vertical method to multiply TO and HTO by 0.				
	I can use an expanded vertical method to multiply TO and HTO by 0.				
	I can use related facts to multiply multiples of 10 and 100 e.g. 2x3=6, 2x30=60, 2x300=600.				
Division	I can divide 3 digit numbers using formal written methods.				
DIVISION	I can divide 3 digit numbers using formal written methods. I can divide 2 digit numbers by increasingly efficient written methods and use related multiplication facts.				
	I can recognise and work out non-unit fractions of shapes, measures and sets of objects e.g. 3/4 of a metre, or				
Fractions	2/5 of a bar of chocolate made of 20 pieces.				
	I can recognise and work out unit fractions of shapes, measures and sets of objects e.g. 1/8 of a bar of				
	chocolate made of 40 pieces.				
	I can recognise and show, using diagrams, equivalent fractions in a family of fractions.				
	I can add and subtract fractions where the denominator is the same beyond a whole.				
Decimals	I can compare and order decimals with the same number of decimal places up to 2 decimal places.				
	I can find the effect of dividing one and two digit numbers by 100 and identify the value of the digits in the				
	answer as ones/units, tenths and hundredths.				
	I can find the effect of dividing one and two digit numbers by 10 and identify the value of the digits in the				
	answer as ones/units, tenths and hundredths.				
	I can recognise and write the decimal equivalent of tenths, hundredths and common fractions (1/2, 1/4, 3/4)				
	in a variety of contexts e.g. money and measures.				
	I can count up and down in hundredths and recognise a hundredth as a whole divided in to 100 equal parts				
	and as 10 parts of a tenth. I can round a decimal with one decimal place to a whole number.				
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Problem	I can solve scaling problems (e.g. eight times as high) and correspondence problems 9e.g. 3 starters, 3 mains, 3 desserts how many different meal options?).				
Solving					
	I can solve two step word problems involving multiplication and division.				
	I can solve two step word problems involving addition and subtraction deciding which operations to use and when.				
	I can check the answers to a problem using an estimate or the inverse.				
Number	I can recognise factor pairs of a number.				
Number					
Magazza	I can recognise multiples of single digit numbers.				
Measures	I can estimate, compare and calculate measures in a variety of contexts.				
	I can convert between units of measure using multiplication (larger to smaller) e.g. from km to m and m to cm.				
	I can convert between units of measure with the support of measuring instruments and where appropriate				
	record with decimal notation. I can use both £ and p in context and recognise equivalence e.g. 306p = £3.06				
	Thean use both E and pin context and recognise equivalence e.g. 500p = £3.00				

	I can solve problems involving converting hours to minutes, minutes to seconds, years to months or weeks to				
Time	days.				
	I can solve problems involving calculating lengths of time.				
	I can read, write and convert time between analogue and digital 24 hour clocks.				
	I can read, write and convert time between analogue and digital 12 hour clocks.				
Perimeter	I can calculate the area of rectangles using multiplication.				
and Area					
	I can find the area of rectangles by counting squares.				
	I can measure and calculate the perimeter of rectangles including squares.				
Statistics	I can solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.				
	I can present and interpret continuous data in the form of time (line) graphs recognising that it is recording a change over time.				
	I can present discrete data using appropriate graphical methods e.g. choose own scale and choose type of chart or graph.				
	I can interpret data presented in a range of graphical representations with a greater range of scales e.g. Venn or Carroll diagrams.				
Shape	I can identify lines of symmetry in 2D shapes presented in different orientations.				
	I can complete symmetrical shapes and patterns with respect to a specific line of symmetry.				
	I can name, describe and sort a variety of quadrilaterals based on their properties.				
	I can name, describe and sort a variety of triangles based on their properties.				
	I can compare and order angles.				
	I can identify and name acute and obtuse angles.				
Position	I can describe the movement of a shape on a grid using left/right, up/down and understand it is a translation.				
	I can use co-ordinates to plot points on a grid (1st quarter) and draw sides to complete a polygon.				
	I can describe positions on a 2D grid as co-ordinates.				

	Mathematics Year 5
Place Value	I can interpret negative numbers in context.
	I can count forwards and backwards in steps of powers of 10 for any given number up to 1 000 000.
	I can round and number up to 1 000 000 to the nearest 10, 1000, 1000 and 10,000.
	I can read, write, order and compare numbers to 1 000 000 (1 million) and determine the value of each digit.
Times Tables	I can recall quickly all the division facts for tables up to 12×12 and can use them confidently in larger calculations.
	I can recall quickly all the multiplication facts for tables up to 12×12 and can use them confidently in larger calculations.
Addition	I can add a mix of whole numbers and decimals with different numbers of decimal places using column addition.
	I can add a mix of whole numbers and decimals with the same number of decimal places using column addition.
	I can use rounding to estimate and check answers to calculations.
	I can add 4 digit and larger numbers in different contexts using formal column addition.
Subtraction	I can subtract a mix of whole numbers and decimals with different numbers of decimal places using column addition.
	I can subtract a mix of whole numbers and decimals with the same number of decimal places using column subtraction.
	I can use rounding to check answers to calculations.
	I can subtract 4/5/6 digit numbers using formal column subtraction.
Multiplication	I can multiply TO x TO using long multiplication.
·	I can multiply TO x TO using an expanded written strategy.
	I can multiply TO x TO using diagrams, arrays and grids.
	I can use related facts to multiply multiples of 10 and 100 e.g. 2x3=6, 20x30=600.
	I can use a formal vertical method to multiply THHTO, HTO and numbers with up to 2 decimal places (e.g. money) by 0.
	I can use a formal vertical method to multiply THHTO and HTO by O.
Division	I can divide by 4 digit and 3 digit numbers by one digit using short division.
	I can begin to represent a remainder as a fraction or decimal e.g. when dividing the remainder of 1 by 4, it=0.25
Fractions	I can multiply proper fractions and mixed numbers by a whole number using diagrams and concrete apparatus.
	I can add and subtract fractions with the same denominators including recognising and converting improper fractions to mixed numbers.
	I can recognise and convert improper fractions to mixed numbers.
	I can add and subtract fractions with denominators in the same fraction family.
	I can compare and order fractions where denominators are in the same fraction family.
Decimals	I can compare and order whole numbers and decimals with up to 2 decimal places.
	I can read, write, order and compare numbers that have a mixture of 1, 2 or 3 decimal places.
	I can recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.
	I can round decimals with 2 decimal places to the nearest whole number and to one decimal place.
Percentage and Ratio	I can write a % as a fraction and a decimal.
	I can recognise and understand % as part of 100.
Problem Solving	I can use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.
	I can independently select an effective strategy (formal written method) for calculations and problem solving.
	I can investigate a problem involving place value and properties of number, and present my investigation in a clear and organised way.
	I can use all 4 operations to solve equivalence statements e.g. 5x? = 18+12
	I can solve multi step problems involving a combination of any of the 4 operations, including involving measures.
	I can solve problems involving multiplication and division including scaling by simple fractions.

	I can solve division problems interpreting remainders in context and adjusting the answer appropriately.
	I can solve addition and subtraction multi step problems in context, deciding which operations to use and why.
Number	I can recognise cubed numbers and use the correct notation.
	I can recognise squared numbers and use the correct notation.
	I can recognise and describe linear number sequences including those involving fractions and decimals and find the term to term rule e.g. add half.
	I can work out if a number up to 100 is a prime number and have quick recall of all the prime numbers to 19.
	I know and use the vocabulary of prime numbers, prime factor and composite (non-prime) numbers.
	I can identify common factors of two numbers.
	I can identify multiples and factors including finding all factor pairs of a number.
Measures.	I can estimate volume and capacity and explore these concepts using practical materials.
	I can convert between different units of measure using my understanding of x and divide by 10, 100 and 1000.
	I can understand and use approximate equivalences between units and common imperial units (inches, pounds pints).
Time	I can solve problems which involve converting between units of time e.g. expressing the answer as days and weeks.
	I can solve problems involving time including reading simple timetables.
Perimeter and Area	I can find unknown lengths on rectilinear shapes using my understanding of perimeter and area.
	I can calculate and compare the area of rectangles using cm2 and m2 including from scale drawings e.g. km to m.
	I can measure and calculate the area of shapes that need to be divided into rectangles (composite rectilinear shapes) in cm2 and m2.
	I can measure and calculate the perimeter of shapes that need to be divided into rectangles (composite rectilinear shapes) in cm and m.
	I can estimate the area of irregular shapes.
Statistics	I can decide which representations of data are most appropriate and explain why.
	I can complete, read and interpret information presented in tables and other graphical representations.
	I can solve comparison and difference problems using information presented in line graphs.
Shape	I can draw and measure given angles in degrees.
<u>'</u>	I can identify and compare acute, obtuse and reflex angles.
	I can calculate missing angles at a point (360 degrees).
	I can calculate missing angles on a straight line (180 degrees) or within a right angle (90 degrees).
	I can identify 3D shapes from 2D representations.
	I can identify regular and irregular shapes using my knowledge of length of sides and angles.
Position	I can identify, describe and draw the position of a shape on a grid after a translation.
OSITION	I can identify, describe and draw the position of a shape on a grid after a reflection on a line parallel to the axis.

	Mathematics Year 6			
Place Value	I can use negative numbers in context and calculate intervals across zero.			
	I can round any whole number to a required degree of accuracy.			
	I can read, write order and compare numbers up to 10 000 000 and determine the value of each digit.			
Times Tables	I can continue to recall quickly all the multiplication and division facts up to 12x12 and can use them confidently in larger calculations.			
Multiplication	I can use long multiplication to multiply THTO or HTO bt TO.			
	I can use related facts to multiply multiples of 10 and 100 e.g. 2x3=6, 200x30=6000.			
	I can multiply numbers with up to 2 decimal places by a whole number.			
Division	I can divide numbers up to 4 digits by a 2 digit whole number using long division.			
	I can express a quotient as a fraction, decimal or rounded according to context.			
Fractions	I can divide proper fractions by a whole number e.g. 1/3 divided by 2 = 1/6.			
	I can multiply simple pairs of proper fractions and write the answer in its simplest form e.g. $1/4 \times 1/2 = 1/8$.			
	I can add and subtract fractions and mixed numbers with different denominators using the idea of equivalence.			
	I can compare and order any set of fractions, proper or improper, or mixed numbers including those with different denominators.			
	I can use common multiples to express fractions in the same denomination.			
	I can simplify fractions using common factors.			
Decimals	Round answers with a specific degree of accuracy.			
	I can calculate more complex decimal equivalents such as $3/8 = 0.375$ using my understanding of the equivalence between fractions and decimals.			
	I can associate a fractions with division and calculate decimal equivalents of common fractions such as halves, quarters and fifths.			
	I can multiply and divide numbers by 10, 100 and 1000 giving answers up to 3 decimal places.			
Percentage +				
Ratio	I can divide a quantity in a given ratio (recognising the proportion as a fraction of the whole).			
	I can identify that a problem can be written as a ratio and solve problems using this relationship.			
	I can solve problems involving similar shapes where the scale factor is known or can be found.			
	I can solve % problems in a variety of contexts such as comparing % (e.g. best buys).			
	I can recall and use equivalence between fractions, decimals and % to solve problems e.g. 10% of £500 or 50% of the team.			
Problem	I can round and estimate as a means of predicting and checking the order of magnitude of my			
Solving	answers to a decimal calculation.			
	I consistently check the reasonableness of my answer in all calculations e.g. using estimates.			
	I can solve addition and subtraction multi step problems in context, with increasingly large numbers, deciding which operations to use and why.			
	I can solve multi step word problems and investigations involving all 4 operations from a large range of contexts.			
	I can solve multi step word problems using division in context.			
	I can solve multi step word problems using multiplication in context.			
Number	I can find pairs of numbers that satisfy an equation with two unknowns.			
	I can express missing number problems/patterns algebraically.			
	I can solve a variety of number problems using formulae and algebraic equations.			
	I can apply an algebraic formula.			
	I can generate and describe linear number sequences.			

	I can explore the order of operations using brackets.
	I can identify the common factors, common multiples and prime numbers, with increasingly
	larger numbers.
	I have a quick recall of all square numbers to 12 squared.
Measures.	I can convert between miles and km.
	I can recognise when it is possible to use formulae to calculate volume.
	I can calculate, estimate and compare column of cubes and cuboids using standard units e.g.
	cm3.
	I can solve problems involving the calculation and conversion of units of measure using decimal notation up to three decimal places.
	I can use, read, write and convert between standard units of measure using decimal notation up to 3 decimal places.
Perimeter	I can investigate relationships between area and perimeter e.g. shapes with the same area can
and Area	have different perimeters and vice versa.
	I can recognise when it is possible to use formulae to calculate area.
	I can calculate the area of parallelograms.
	I can calculate the area of triangles.
	I can calculate the mean as an average and understand when it is appropriate to find the mean of
Statistics	a set of data.
	I can solve problems using the data from line graphs (including conversion graphs) and pie charts
	including ones I have constructed myself.
	I can construct a pie chart using my knowledge of fractions and angles.
	I can interpret a pie chart.
Shape	I can recognise vertically opposite angles and use this to calculate missing angles.
	I can illustrate and name pats of a circle including radius, diameter and circumference and know that diameter is twice the radius.
	I can compare and classify geometric shapes based on their size and properties and can find
	unknown angles in any triangle, quadrilateral or regular polygon.
	I can recognise, describe and build simple 3D shapes including making nets.
	I can accurately draw 2D shapes using given angles and dimensions.
Position	I can label the axes of a grid in all 4 quadrants and describe a position on the grid.
	I can predict missing coordinates using the properties of a shape.
	I can draw and translate simple shapes on a 4 quadrant grid.
	I can reflect simple shapes in the axes.

Reading – Key Texts Overview

Year Group	Autumn	Spring	Summer
1	Knuffle Bunny. Not a Stick. Billy's Bucket. Harvey Slumfenburger. The Usborne book of big machines. The Gingerbread Man. Down behind the Dustbin.	Bring the Rain to Kapiti Plain. Handa's Hen. We all went on Safari. Don't let the Pigeon stay up late. Don't let the Pigeon drive the bus. The Works. Sensational. The House that Jack built. Anancy and Mr Dry-Bone. White Owl. Romeo and Juliet.	3 Little Pigs. Goldilocks. Superworm. Supertato. Poem maker, Word shaker. The Works. Snow white in New York. Hairy Tales and Nursery Crimes. Non Fiction texts about Britain.
2	Tatty Ratty. Dogger. Katie in London. The True Story of the Three Little Pigs. Tell me a dragon.	The Enormous Crocodile. Just so stories (Tinga Tinga Tales). We're going on a lion hunt. Lila and the Secret of Rain. Meerkat Mail. Romeo and Juliet.	Charlie's Bag. Where the wild things are. The Dark. Man on the Moon. How to catch a star. The Way back Home. Rickety Train Ride Poem.
3	Stone Age Boy. The Tunnel. Voices in the Park. Gorilla.	The Great Kapok Tree. The Shaman's Apprentice. A River Ran Wild. Romeo and Juliet.	This Morning I met a Whale.
4	Danny Champion of the World. David Copperfield. Treasure Island.	Tiger Tiger. Romeo and Juliet.	Lost and Found. The Firework Maker's Daughter.
5	Carrie's War. Wreck of the Zanzibar. Butterfly Lion. Kensuke's Kingdom.	Holes. Romeo and Juliet. Friend or Foe.	Friend or Foe. Wind in the Willows.
6	Rooftoppers. Skellig. Midsummer Nights Dream.	The Lion, The Witch and the Wardrobe. The Runner. Romeo and Juliet.	Goodnight Mr Tom. Journey to Jo'burg. The Billionaire Boy.

Whole School Reading Overview

	Peading Vear 1					
	Reading Year 1					
Decode	I can read the common tricky words.					
	I can use picture clues to help in reading simple texts.					
	I can read words of more than one syllable that contain all the graphemes - e.g. desktop.					
	I can read familiar endings to words (-s, -es, -ing, -ed, -er, -est).					
	I can use phonic knowledge to blend sounds together to read words, including long phonemes.					
Comprehend	I can recognise the difference between fiction and non-fiction.					
	I can answer straight forward retrieval questions about a story.					
	I can identify the main events or key points in a text.					
Detect	I can recognise why a character is feeling a certain way.					
	I can make simple predictions about the characters.					
	I can express opinions about main events and characters in a story.					
Language	I can recognise adjectives and adverbs.					
	I can recognise obvious story language e.g. Once upon a time, big bad wolf.					
	I can discuss what new words mean.					
	I can recognise and join in with predictable phrases.					
Respond	I can participate in discussions about what is read to me, taking turns and listening to what others say.					
	I can show that I am interested in what I have read, or have listened to, across a wide range of texts - e.g. stories, poems and non-fiction.					
Reader	I can recite a simple poem by heart.					
	I can re-tell simple, familiar stories - e.g. fairy tales.					

Reading Year 2					
Decode	I can read further tricky words, spotting the differences in spellings and sounds.				
Decode					
	I can read accurately by blending the sounds in words that contain all the graphemes.				
	I can read words containing common suffixes.				
	I can self-correct when I have read a sentence incorrectly.				
	I can read familiar words quickly, without needing to sound them out or blend.				
Comprehend	I can find the answers to retrieval questions in non-fiction, stories and poems.				
	I can decide how useful a non-fiction text is for purpose.				
	I can begin to notice how non-fiction texts are structured in different ways.				
	I can re-tell a story, referring to most of the key events and characters.				
Read	Lean make simple inferences on the basis of what is being said and done				
Redu	I can make simple inferences on the basis of what is being said and done.				
	I can recognise key themes and ideas within a text.				
	I can make predictions based on my own experiences and other books.				
Language	I can identify and comment on vocabulary and literary features of specific genres and non-fiction texts e.g. fairy tales.				
	I can discuss the meaning of new words, linking new meanings to known words.				
	I can identify how vocabulary choice affects meaning e.g. Crept lets you know that he was trying to be quiet.				
	I can discuss my favourite words and phrases.				
Deersal	I can participate in discussions about books, poems and other works that are read to me and				
Respond	those that I can read for myself.				
	I understand why a writer has written a text e.g. She wants you to know how to make a kite.				
	I can make choices about which texts to read, based on prior reading experience.				
Read	I can relate what I read to my own experiences.				
	I am aware that books are set in different times and places.				

Reading Year 3						
Decode	I can read out loud confidently, understanding how to use a range of punctuation.					
	I can use knowledge of root words, suffixes and prefixes to read and understand new words.					
	I can use the context of the sentence to help me to read unfamiliar words.					
Comprehend	I can use alphabetically ordered texts to find information.					
	I can identify the features of different text types.					
	I can use a range of organisational features to locate information, such as labels, diagrams and charts.					
Detect	I can justify inferences with evidence from the text.					
	I can justify predictions with evidence from the text.					
	I can empathise with a character.					
Language	I can discuss words and phrases that capture the reader's interest and imagination.					
	I can comment on the choice of language to create moods and build tension e.g. Crept to be quite and also not to be caught.					
Respond	I understand what the writer might be thinking.					
	I can begin to identify and comment on different points of view in a text.					
	I can evaluate specific texts with reference to text types.					
Dood	I can start to make simple connections between books by the same author e.g. Dick King Smith often writes about animals.					
Read	I can start to recognise some features of the text that relate it to its historical setting or its social or					
	cultural background.					
	I can retell some of the stories that I am familiar with orally.					
	Reading Year 4					
Decode	I can recognise and understand an even greater variety of suffixes and prefixes including mis-, dis-, -ous, - sion.					
	I can read, on sight, all the words from the year 3/4 spelling list.					
	I can recognise where words are an exception to the rule.					
	I can explain the meaning of words in context.					
Comprehend	I can compare, contrast and evaluate different fiction and non-fiction texts.					
	I can identify features of different fiction genres.					
	I can locate information using skimming, scanning and text marking.					
Detect	I can infer and deduce characters' feelings, thoughts and motives from their actions, dialogue and description.					
	I can make predictions with evidence from text and with knowledge of wider reading.					
Language	I can recognise the use and effect of different structures, such as patterned language in text.					
	I know how language and structure are used to create atmosphere in a story.					
	I can find and comment on examples of how authors express different moods, feelings and attitudes.					
Respond	I can identify main ideas from more than one paragraph and can summarise these.					
	I can identify themes and conventions/features in a wide range of fiction and non-fiction texts e.g. key messages.					
	I understand how the author wants the reader to respond.					
Read	I can make comparisons and contrast between the books of a writer or different writers e.g Michael Morpurgo.					
	I can use my knowledge of wider reading to make connections about where and when books are set.					
	I can recognise some different forms of poetry.					

	Reading Year 5					
	I can read aloud with the appropriate intonation, tone and volume so that the meaning is clear for					
Decode	the reader.					
	I can maintain fluency and accuracy when reading complex sentences with subordinate clauses.					
	I can respond to more sophisticated punctuation e.g. () ; : -					
Comprehend	I can identify genre-specific phrases.					
	I can discuss complex narrative plots e.g. identifying problems or complications and how they are resolved.					
	I can summarise the main ideas drawn from more than one paragraph.					
Detect	I can recognise different points of view e.g. characters in fiction and the author in non-fiction.					
	I can discuss moods, feelings and attitudes using inference.					
	I can draw information from different parts of the text to infer meaning.					
Language	I can use language features of a range of non-fiction text types and can use then to support understanding.					
	I can identify and comment on expressive, figurative and descriptive language to create effect in poetry and prose.					
	I can identify and describe the styles of individual writers and poets.					
	I can recognise ways in which writers present issues and points of view in fiction and non-fiction					
Respond	texts e.g. he has only mentioned the bad points about air travel!					
	I can talk about the author's techniques for describing characters, settings and actions.					
	I can show awareness of the writer's viewpoint in my responses across a range of texts.					
	I can recommend books that I have read to my peers, giving reasons for my choices.					
	I can participate in discussions about books, building my own and others' ideas and challenging					
Read	views courteously.					
	I understand that texts reflect the time and culture in which they were written e.g. Hound of the					
	Baskervilles would have been scary for Victorian readers.					

	Reading Year 6				
Decode	I can use connectives as signposts to indicate a change of tone e.g. however.				
	I can cope with different features of language such as abbreviations, colloquialisms, dialect and specialist vocabulary.				
	I can use my knowledge of morphology and etymology to understand the meaning of new words e.g. words derived from roots other languages, parliament.				
Comprehend	d I can recognise text types that contain features of more than one text type e.g. persuasive letter.				
	I can distinguish between statements of fact and opinion.				
	I can find the answers to questions in more complex non-fiction, stories and poems.				
	I can retrieve, record and present information from factual research, considering what is known already.				
Detect	I can use PEE (Point, Evidence, Explain) to support predictions and inferences.				
	I can use detailed knowledge of text types to make reasoned predictions.				
	I can infer and comment on implicit points of view.				
Language	I can comment on and explain the writer's use of a language feature e.g. the rhythm and rhyme pattern make it mimetic like the rhythm of a train.				
	I can compare and contrast the styles of individual writers and poets providing examples e.g. use of language.				
	I know how style and vocabulary are linked to the purpose of the text - 'Obviously common sense tells us' in a persuasive text.				
Respond	I can identify techniques used by writers to present issues and points of view in more complex texts.				
	I can analyse and comment critically on the impact of the author's techniques.				
	I can identify and describe the key characteristics about a writer's or a poet's style.				
	I can identify and discuss themes and conventions in and across a wide range of writing.				
Read	I am beginning to evaluate texts by comparing how different writers treat the same information.				
	I understand that texts reflect the time and culture in which they were written e.g. Dickens wanted people to feel bad about the way the poor were treated.				
	I can identify different character types across a range of texts e.g. anti-hero etc.				

Whole School Writing Overview

	Year 1 Writing					
Spelling	I can write what is read aloud to me, including tricky words and words that I have to sound out.					
	I use the rules for adding -s and -es.					
	I can add the suffixes -ed, -ing, -er, -est to root words.					
	I can spell the days of the week.					
	I can spell words using the 40+ phonemes that I know.					
	I can spell most of the 100 high frequency words.					
	I can use the prefix 'un'.					
Organised						
Organiseu	I can rehearse out loud before writing my ideas down.					
	My writing can be read without mediating. I can use a simple structure in my writing e.g. beginning, middle and end or instructions in the					
	right order.					
_	I can write more than one sentence about an idea.					
Purpose	I can convey basic information and ideas through appropriate word choices.					
	I can share what I have written with an adult.					
Word	I can use some basic descriptive language - colour, size, simple emotions.					
	I can make some appropriate word choices from word banks, class lists and sentence openers.					
Grammar	I can read my writing out loud clearly and check if it makes sense.					
	I can use capital letters for names of people, places, days of the week and personal pronoun - I.					
	I can begin to punctuate sentences with exclamation marks and question marks.					
	I can begin to punctuate sentences, using a capital letter and a full stop.					
	I can join words and clauses using the conjunction 'and'.					
Handwriting	I can begin to form lower case letters in the correct direction, starting and finishing in the right place.					
	I can form capital letters.					
	I can hold a pencil comfortably and correctly when sitting at a table.					
	I can form digits 0-9, starting and finishing in the right place.					

	Year 2 Writing					
Spelling	I can spell the simple homophones/near homophones e.g there, their, they're.					
	I can spell most of the common tricky/exception words.					
	I can use the possessive apostrophe for a singular person - the girl's book.					
	I can spell 10 words with contractions - it's, can't, won't, they're etc.					
	I can write what is read aloud to me, including tricky words, words that have to sound out and use the correct basic punctuation.					
	I can add suffixes to spell longer words -egment, -ful, -less, -ly.					
Organised	I can use connectives and prepositions that signal time e.g. then, after, before, in, on.					
	I can use the conjunctions -or and -but to link my ideas.					
	I can use a simple structure in my writing e.g. beginning, middle, end, or instructions in the correct order.					
	The organisation reflects the purpose of the writing e.g. newspaper features.					
	I can think about and plan what I am going to write before writing it.					
Purpose	I can think about the different styles needed for different types of writing.					
	I am beginning to use different types of language across different types of writing e.g. story language, non-fiction.					
	I can identify whether a sentence is a command, statement, exclamation or question.					
	I know who my writing is for (intended audience).					
Word	I can use interesting adjectives to describe people, objects and setting.					
	I can use interesting adverbs to describe actions.					
	I can show evidence of using simple similes - It was as yellow as the sun.					
Grammar	I can use the present and past tenses correctly.					
	I can use commas in a list.					
	I can use question marks and exclamation marks correctly.					
	I can consistently use full stops and capital letters correctly in my sentences.					
	I can use apostrophes for contracted forms and the possessive (singular) form - the girl's book.					
Handwriting	I am beginning to join letters in my writing.					
	I can write capital and lower case letters of the correct size and orientation.					
	I can use spacing between words that reflects the size of the letters.					
	I can form lower case letters of the correct size, relative to one another.					
	My writing can be read without mediating.					

	Year 3 Writing					
Spelling	I can spell words ending in -tion, -sion, -cian, -ssion.					
	I can use the prefixes dis-, mis-, in- and im-					
	I can spell the next 22 sets of homophones/near homophones e.g. accept/except.					
	I can use the first two or three letters of a word to check the spelling in a dictionary.					
Organised	I can make additions, revisions and improvements to my writing.					
	I can begin to use an appropriate opening and ending.					
	I can use simple connectives (e.g. Also, as well, because) to link ideas logically. The organisation reflects the purpose of the writing - a newspaper report has a headline, a by-line, introduction and recount of events.					
	I can begin to use paragraphing in narrative writing - e.g. for a new location in a story.					
	I can group similar information together in paragraphs in non-fiction writing.					
Purpose	Some evidence of viewpoint is established. I can include relevant, imaginative detail - e.g. direct speech, description of a setting and feelings, humour, surprise or suspense.					
	I am beginning to understand how to write for different audiences and different purposes.					
Word	My vocabulary is interesting and provides some clarity for the reader e.g. stumble instead of walk.					
	I can use appropriate words to support the text type - e.g. use imperative verbs in instruction texts.					
	I can modify nouns by one or more precise adjectives - a loud wailing sound.					
	I can use interesting adverbs to describe actions.					
Grammar	I can write and punctuate complex sentences using a wider range of prepositions and conjunctions - e.g. although, if.					
	I can use a range of different sentence starters.					
	I can proof read for errors.					
	I can edit my writing to check that it makes sense.					
Handwriting	I can lay my work out appropriately on the page - e.g. start at the top and begin each line next to the margin.					
	I can write the date and title and underline both for every piece of writing.					
	I only use capital letters when appropriate.					

Year 4 Writing						
Spelling	I can use the possessive apostrophe correctly in regular and irregular plurals - e.g. children's shoes and girls' shoes.					
	I can use the suffixes -ly, -ation, -ous.					
	I can spell the next 22 sets of homophones/near homophones - e.g. accept/except.					
	I can write correctly spelt and punctuated sentences as dictated by my teacher.					
	I can spell all of the Year 3 and 4 word list.					
Organised	I can use paragraphs to organise my stories into an introduction, build up, conflict and resolution.					
0	In non-fiction, I can write a clear introduction, followed by logical points, drawing to a defined conclusion.					
	I can plan how to structure my writing to meet the purpose.					
Purpose	I can use some of the 'Tricks of the trade' for a given style to ensure that the style of writing is evident.					
- m p = = =	I can evaluate how effective my writing is, by referring to the features of a given text type and make necessary improvements.					
	In narrative, my writing creates settings, insights into characters and develops the plot through blending, rather than telling the reader.					
Word	I can use adventurous and varied vocabulary to engage the reader.					
	I can use a choice of pronouns or nouns to avoid repetition.					
	I can use a thesaurus to improve my choice of words and to expand my vocabulary.					
Grammar	I can use commas after fronted adverbials.					
	I can use and punctuate direct spech with inverted commas.					
	I can write in standard English forms for verb inflections - e.g. we were instead of we was.					
	I can use a range of sentence structures - simple, compound and complex.					
Handwriting	I can use diagonal and horizontal strokes that are needed to join letters.					

	Year 5 Writing
Spelling	I know and use the 'I before e' rule following a c.
- CP - MINIS	
	I can spell words with the endings -cious and -tious.
	I can spell words with silent letters.
	I can spell words with the letter string -ough.
Organised	In narrative, I can shape a story using paragraphs to show shifts in time, place and action.
- 8	I can use connectives, within a paragraph, to link the sentences - e.g. in addition, finally, therefore.
	Within paragraphs, I can sustain and develop my ideas around a topic sentence.
Purpose	I can blend dialogue with action and description to convey character and move the story forward.
	In my writing, the setting is used to create mood.
	I can use devices to engage the reader - e.g. repetition for effect, rhetorical question, etc.
	I can write in a given style successfully.
	I can manipulate sentence structures for effect, to suit the purpose.
Word	I can use a thesaurus independently to choose words for deliberate effect.
	My vocabulary choices are more thoughtful and enhance meaning.
	I can use expanded noun phrases to convey relevant information concisely.
Grammar	I can use a range of sentence structures - short, compound and complex.
	I can use commas more accurately to separate clauses - e.g. subordinate, embedded and relative.
	I can use colons and semi colons when writing lists.
	I can ensure the consistent and correct use of tense throughout a piece of writing.
	I can edit for spelling, punctuation and grammar errors and suggest improvements to my own and others' writing.
Handwriting	I prepare myself and my work area to enable the required level of presentation.

	Year 6 Writing				
Spelling	I can spell all of the year 5 and 6 word list.				
1 5	I can spell words with the endings -cial and -tial.				
	I can spell words with the endings -ible and -able. I can regularly and independently make use of a dictionary to check the spelling and				
	meaning of words.				
Organised	I can link my ending with a range of references to the start of my writing.				
	I can create my own plan appropriate to the audience and purpose.				
	I can make links between paragraphs in non-fiction writing - e.g. a topic sentence links to the				
	linking sentence from the previous paragraph. I can use the setting and weather as a 'sympathetic background' to the characters situations				
Purpose	- e.g. thunderstorms for the dangerous parts with the sun coming out when all is well.				
	My writing is well paced.				
	Mark the self-self-self-self-self-self-self-self-				
	My writing is well constructed and shows a secure grasp of the chosen genre.				
Word	I can make assertive use of the characteristic language and of the chose text type.				
	When editing, I recognise how changing the word choice can enhance the meaning of the writing.				
	I can use vocabulary that is varied, imaginative and appropriate, including use of technical and specific words.				
	I can recognise vocabulary that is appropriate for formal speeches and writing.				
Grammar	I can use brackets, dashes or commas to indicate parenthesis.				
	I can choose passive verbs, when appropriate, to affect the presentation of information in a sentence.				
	I can recognise sentence structures that are appropriate for formal speech and writing - e.g. If I were.				
	I can use semi colons, colons or dashes to mark boundaries between independent clauses.				
Handwriting	The direction (or slant) of my handwriting is consistent across a piece of work.				
	My handwriting is clear and legible every time I write.				
	I can choose the writing implement that is best suited for a task.				
	I can maintain holding a pencil/pen correctly.				

Science

What the National Curriculum requires in science at Y1

Working scientifically

During years 1 and 2, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content:

- Asking simple questions and recognising that they can be answered in different ways
- Observing closely, using simple equipment
- Performing simple tests
- Identifying and classifying
- Using their observations and ideas to suggest answers to questions
- Gathering and recording data to help in answering questions.

Year 1 Biology

Plants

Pupils should be taught to:

- Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees
- Identify and describe the basic structure of a variety of common flowering plants, including trees.

Animals, including humans

Pupils should be taught to:

- Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals
- Identify and name a variety of common animals that are carnivores, herbivores and omnivores
- describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets)
- Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.

Year 1 Chemistry

Everyday materials

Pupils should be taught to:

- Distinguish between an object and the material from which it is made
- Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock
- Describe the simple physical properties of a variety of everyday materials
- Compare and group together a variety of everyday materials on the basis of their simple physical properties.

Year 1 Physics

Seasonal changes

- Observe changes across the four seasons
- Observe and describe weather associated with the seasons and how day length varies.

Being a Scientist – Year 1				
Working scientifically (Years 1 and 2)	Biology	Chemistry	Physics	
	Plants	Everyday materials	Seasonal changes	
 I can ask simple scientific questions. I can use simple equipment to make observations. I can carry out simple tests. I can identify and classify things. I can suggest what I have found out. I can use simple data to answer questions 	 I can name a variety of common wild and garden plants. I can name the petals, stem, leaf and root of a plant. I can name the roots, trunk, branches and leaves of a tree. Animals, including humans I can name a variety of animals including fish, amphibians, reptiles, birds and mammals. I can classify and name animals by what they eat (carnivore, herbivore and omnivore). I can sort animals into categories (including fish, amphibians, reptiles, birds and mammals). I can sort living and non-living things. I can name the parts of the human body that I can see. I can link the correct part of the human body to each sense. 	 I can distinguish between an object and the material it is made from. I can explain the materials that an object is made from. I can name wood, plastic, glass, metal, water and rock. I can describe the properties of everyday materials. I can group objects based on the materials they are made from. 	 I can observe and comment on changes in the seasons. I can name the seasons and suggest the type of weather in each season. 	
Emerging	Secure	Exceeding		

Science

What the National Curriculum requires in science at Y2

Working scientifically

During years 1 and 2, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content:

- Asking simple questions and recognising that they can be answered in different ways
- Observing closely, using simple equipment
- Performing simple tests
- Identifying and classifying
- Using their observations and ideas to suggest answers to questions
- Gathering and recording data to help in answering questions.

Year 1 Biology

Living things and their habitats

Pupils should be taught to:

- Explore and compare the differences between things that are living, dead, and things that have never been alive
- Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other
- Identify and name a variety of plants and animals in their habitats, including micro-habitats
- Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food.

Plants

Pupils should be taught to:

- Observe and describe how seeds and bulbs grow into mature plants
- Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.

Animals, including humans

Pupils should be taught to:

- Notice that animals, including humans, have offspring which grow into adults
- Find out about and describe the basic needs of animals, including humans, for survival (water, food and air)
- Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.

Year 1 Chemistry

Uses of everyday materials

- Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses
- Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.

Being a Scientist – Year 2			
Working scientifically (Years 1 and 2)	Biology	Chemistry	Physics
Working scientifically	Biology	Chemistry	Physics
(Y1 and Y2)	Living things and their habitats	Uses of everyday materials	No content
 I can ask simple scientific questions. 	 I can identify things that are living, 	I can identify and name a range of	
 I can use simple equipment to make 	dead and never lived.	materials, including wood, metal,	
observations.	 I can describe how a specific habitat 	plastic, glass, brick, rock, paper and	
 I can carry out simple tests. 	provides for the basic needs of things	cardboard.	
 I can identify and classify things. 	living there (plants and animals).	• I can suggest why a material might or	
 I can suggest what I have found out. 	 I can identify and name plants and 	might not be used for a specific job.	
 I can use simple data to answer 	animals in a range of habitats.	I can explore how shapes can be	
questions	I can match living things to their	changed by squashing, bending, twisting	
	habitat.	and stretching.	
	• I can describe how animals find their		
	food.		
	I can name some different sources of		
	food for animals.		
	• I can explain a simple food chain.		
	Plants		
	I can describe how seeds and bulbs		
	grow into plants.		
	I can describe what plants need in		
	order to grow and stay healthy (water,		
	light & suitable temperature).		
	Animals, including humans		
	• I can explain the basic stages in a life		
	cycle for animals, including humans.		
	• I can describe what animals and		
	humans need to survive.		
	I can describe why exercise, a		
	balanced diet and good hygiene are		
Emorging	important for humans.	Evenoding	
Emerging	Secure	Exceeding	

Working scientifically

During years 3 and 4, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content:

- Asking relevant questions and using different types of scientific enquiries to answer them
- Setting up simple practical enquiries, comparative and fair tests
- Making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers
- Gathering, recording, classifying and presenting data in a variety of ways to help in answering questions
- Recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables
- Reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions
- Using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions
- Identifying differences, similarities or changes related to simple scientific ideas and processes
- Using straightforward scientific evidence to answer questions or to support their findings.

Biology - Plants

Pupils should be taught to:

- Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers
- Explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant
- Investigate the way in which water is transported within plants
- Explore the part that flowers play in the life cycle

Animals, including humans

- Identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat
- Identify that humans and some other animals have skeletons and muscles for support, protection and movement

Chemistry - Rocks

- Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties
- Describe in simple terms how fossils are formed when things that have lived are trapped within rock
- Recognise that soils are made from rocks and organic matter.

Physics - Light

Pupils should be taught to:

- Recognise that they need light in order to see things and that dark is the absence of light
- Notice that light is reflected from surfaces
- Recognise that light from the sun can be dangerous and that there are ways to protect their eyes
- Recognise that shadows are formed when the light from a light source is blocked by a solid object
- Find patterns in the way that the size of shadows change.

Forces and magnets

- Compare how things move on different surfaces
- Notice that some forces need contact between two objects, but magnetic forces can act at a distance
- Observe how magnets attract or repel each other and attract some materials and not others
- Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials
- · Describe magnets as having two poles
- Predict whether two magnets will attract or repel each other, depending on which poles are facing

Being a Scientist – Year 3			
Working scientifically (Years 3 and 4)	Biology	Chemistry	Physics
Working scientifically	Biology	Chemistry	Physics
(Y3 and Y4)	Plants	Rocks	Light
• I can ask relevant scientific questions.	I can describe the function of different	• I can compare and group rocks based	 I can describe what dark is (the
• I can use observations and knowledge	parts of flowing plants and trees.	on their appearance and physical	absence of light).
to answer scientific questions.	I can explore and describe the needs	properties, giving a reason.	 I can explain that light is needed in
• I can set up a simple enquiry to	of different plants for survival.	• I can describe how fossils are formed.	order to see.
explore a scientific question.	I can explore and describe how water	I can describe how soil is made.	 I can explain that light is reflected
• I can set up a test to compare two	is transported within plants.	I can describe and explain the	from a surface.
things.	I can describe the plant life cycle,	difference between sedimentary and	• I can explain and demonstrate how a
• I can set up a fair test and explain why	especially the importance of flowers.	igneous rock.	shadow is formed.
it is fair.	Animals, including humans		• I can explore shadow size and explain.
I can make careful and accurate	I can explain the importance of a		I can explain the danger of direct
observations, including the use of	nutritious, balanced diet.		sunlight and describe how to keep
standard units.	• I can explain how nutrients, water and		protected.
 I can use equipment, including 	oxygen are transported within animals		Forces and magnets
thermometers and data loggers to make	and humans.		• I can explore and describe how objects
measurements.	I can describe and explain the skeletal		move on different surfaces.
• I can gather, record, classify and	system of a human.		• I can explain how some forces require
present data in different ways to answer	I can describe and explain the		contact and some do not, giving
scientific questions.	muscular system of a human.		examples.
• I can use diagrams, keys, bar charts	I can describe the purpose of the		• I can explore and explain how objects
and tables; using scientific language.	skeleton in humans and animals.		attract and repel in relation to objects
• I can use findings to report in different			and other magnets.
ways, including oral and written			I can predict whether objects will be
explanations, presentation.			magnetic and carry out an enquiry to
• I can draw conclusions and suggest			test this out.
improvements.			• I can describe how magnets work.
• I can make a prediction with a reason.			I can predict whether magnets will
• I can identify differences, similarities			attract or repel and give a reason.
and changes related to an enquiry.			
Emerging	Secure	Exceeding	

Working scientifically

During years 3 and 4, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content:

- Asking relevant questions and using different types of scientific enquiries to answer them
- Setting up simple practical enquiries, comparative and fair tests
- Making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers
- Gathering, recording, classifying and presenting data in a variety of ways to help in answering questions
- Recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables
- Reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions
- Using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions
- Identifying differences, similarities or changes related to simple scientific ideas and processes
- Using straightforward scientific evidence to answer questions or to support their findings.

Biology

Living things and their habitats

Pupils should be taught to:

- Recognise that living things can be grouped in a variety of ways
- Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment
- Recognise that environments can change and that this can sometimes pose dangers to living things.

Animals, including humans

Pupils should be taught to:

- Describe the simple functions of the basic parts of the digestive system in humans
- Identify the different types of teeth in humans and their simple functions
- Construct and interpret a variety of food chains, identifying producers, predators and prey.

Chemistry

States of matter

Pupils should be taught to:

- Compare and group materials together, according to whether they are solids, liquids or gases
- Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)
- Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature

Physics

Sound

Pupils should be taught to:

- Identify how sounds are made, associating some of them with something vibrating
- Recognise that vibrations from sounds travel through a medium to the ear
- Find patterns between the pitch of a sound and features of the object that produced it
- Find patterns between the volume of a sound and the strength of the vibrations that produced it
- Recognise that sounds get fainter as the distance from the sound source increases.

Electricity

- Identify common appliances that run on electricity
- Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers
- Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery
- · Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit
- Recognise some common conductors and insulators, and associate metals with being good conductors.

Being a Scientist – Year 4			
Working scientifically (Years 3 and 4)	Biology	Chemistry	Physics
Working scientifically	Biology	Chemistry	Physics
(Y3 and Y4)	Living things and their habitats	States of matter	Sound
• I can ask relevant scientific questions.	I can group living things in different	 I can group materials based on their 	• I can describe how sound is made.
• I can use observations and knowledge	ways.	state of matter (solid, liquid, gas).	• I can explain how sound travels from a
to answer scientific questions.	• I can use classification keys to group,	• I can describe how some materials can	source to our ears.
• I can set up a simple enquiry to	identify and name living things.	change state.	I can explain the place of vibration in
explore a scientific question.	I can create classification keys to	 I can explore how materials change 	hearing.
• I can set up a test to compare two	group, identify and name living things	state.	I can explore the correlation between
things.	(for others to use).	I can measure the temperature at	pitch and the object producing a sound.
• I can set up a fair test and explain why	I can describe how changes to an	which materials change state.	I can explore the correlation between
it is fair.	environment could endanger living	 I can describe the water cycle. 	the volume of a sound and the strength
I can make careful and accurate	things.	 I can explain the part played by 	of the vibrations that produced it.
observations, including the use of	Animals, including humans	evaporation and condensation in the	I can describe what happens to a
standard units.	I can identify and name the parts of	water cycle.	sound as it travels away from its source.
• I can use equipment, including	the human digestive system.		Electricity
thermometers and data loggers to make	I can describe the functions of the		I can identify and name appliances
measurements.	organs in the human digestive system.		that require electricity to function.
• I can gather, record, classify and	I can identify and describe the		• I can construct a series circuit.
present data in different ways to answer	different types of teeth in humans.		I can identify and name the
scientific questions.	I can describe the functions of		components in a series circuit (including
• I can use diagrams, keys, bar charts	different human teeth.		cells, wires, bulbs, switches and
and tables; using scientific language.	I can use food chains to identify		buzzers).
• I can use findings to report in different	producers, predators and prey.		• I can draw a circuit diagram.
ways, including oral and written	I can construct food chains to		I can predict and test whether a lamp
explanations, presentation.	identify producers, predators and		will light within a circuit.
I can draw conclusions and suggest	prey		I can describe the function of a switch
improvements.			in a circuit.
• I can make a prediction with a reason.			I can describe the difference
• I can identify differences, similarities			between a conductor and
and changes related to an enquiry.			insulators; giving examples of each.
Emerging	Secure	Exceeding	

Working scientifically

During years 5 and 6, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content:

- Planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary
- Taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate
- Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs
- Using test results to make predictions to set up further comparative and fair tests
- Reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations
- Identifying scientific evidence that has been used to support or refute ideas or arguments.

Biology

Living things and their habitats

Pupils should be taught to:

- Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird
- Describe the life process of reproduction in some plants and animals.

Animals, including humans

Pupils should be taught to:

• Describe the changes as humans develop to old age.

Physics

Earth and space

Pupils should be taught to:

- Describe the movement of the Earth, and other planets, relative to the Sun in the solar system
- Describe the movement of the Moon relative to the Earth
- Describe the Sun, Earth and Moon as approximately spherical bodies
- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky

Forces

Pupils should be taught to:

- Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object
- Identify the effects of air resistance, water resistance and friction, that act between moving surfaces
- Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.

Chemistry

Properties and changes of materials

- Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets
- Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution
- Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating
- Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic
- Demonstrate that dissolving, mixing and changes of state are reversible changes
- Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda

Being a Scientist – Year 5				
Working scientifically (Years 5 and 6)	Biology	Chemistry	Physics	
Working scientifically	Biology	Chemistry	Physics	
(Y5 and Y6)	Living things and their habitats	Properties and changes of materials	Earth and space	
 I can plan different types of scientific 	I can describe the life cycle of different	I can compare and group materials	 I can describe and explain the 	
enquiry.	living things, e.g. mammal, amphibian,	based on their properties (e.g. hardness,	movement of the Earth and other	
• I can control variables in an enquiry.	insect bird.	solubility, transparency, conductivity,	planets relative to the Sun.	
 I can measure accurate and precisely 	I can describe the differences between	[electrical & thermal], and response to	 I can describe and explain the 	
using a range of equipment.	different life cycles.	magnets).	movement of the Moon relative to the	
 I can record data and results using 	I can describe the process of	• I can describe how a material dissolves	Earth.	
scientific diagrams and labels,	reproduction in plants.	to form a solution; explaining the	 I can explain and demonstrate how 	
classification keys, tables, scatter	I can describe the process of	process of dissolving.	night and day are created.	
graphs, bar and line graphs.	reproduction in animals.	I can describe and show how to	I can describe the Sun, Earth and	
• I can use the outcome of test results	Animals, including humans	recover a substance from a solution.	Moon (using the term spherical).	
to make predictions and set up a further	I can create a timeline to indicate	• I can describe how some materials can	Forces	
comparative fair test.	stages of growth in humans.	be separated.	 I can explain what gravity is and its 	
• I can report findings from enquiries in		I can demonstrate how materials can	impact on our lives.	
a range of ways.		be separated (e.g. through filtering,	I can identify and explain the effect of	
• I can explain a conclusion from an		sieving and evaporating).	air resistance.	
enquiry.		I know and can demonstrate that	I can identify and explain the effect of	
• I can explain causal relationships in an		some changes are reversible and some	water resistance.	
enquiry.		are not.	I can identify and explain the effect of	
• I can relate the outcome from an		• I can explain how some changes result	friction.	
enquiry to scientific knowledge in order		in the formation of a new material and	I can explain how levers, pulleys and	
to state whether evidence supports or		that this is usually irreversible.	gears allow a smaller force to have a	
refutes an argument or theory.		I can discuss reversible and	greater effect.	
 Read, spell and pronounce scientific 		irreversible changes.		
vocabulary accurately		I can give evidenced reasons why		
		materials should be used for specific		
		purposes.		
Emerging	Secure	Exceeding		

Working scientifically

During years 5 and 6, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content:

- Planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary
- Taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate
- Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs
- Using test results to make predictions to set up further comparative and fair tests
- Reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations
- Identifying scientific evidence that has been used to support or refute ideas or arguments.

Biology

Living things and their habitats

- Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals
- Give reasons for classifying plants and animals based on specific characteristics.

Animals, including humans

- Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood
- Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function
- Describe the ways in which nutrients and water are transported within animals, including humans.

Evolution and inheritance

- Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago
- Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents
- Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

Physics

Light

Pupils should be taught to:

- Recognise that light appears to travel in straight lines
- Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye
- Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes
- Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.

Electricity

- Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit
- Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches
- Use recognised symbols when representing a simple circuit in a diagram.

Being a Scientist – Year 6				
Working scientifically (Years 5 and 6)	Biology	Chemistry		Physics
Working scientifically (Y5 and Y6) I can plan different types of scientific enquiry. I can control variables in an enquiry. I can measure accurate and precisely using a range of equipment. I can record data and results using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs. I can use the outcome of test results to make predictions and set up a further comparative fair test. I can report findings from enquiries in a range of ways. I can explain a conclusion from an enquiry. I can explain causal relationships in an enquiry. I can relate the outcome from an enquiry to scientific knowledge in order to state whether evidence supports or refutes an argument or theory. Read, spell and pronounce scientific vocabulary accurately	Biology Living things and their habitats I can classify living things into broad groups according to observable characteristics and based on similarities & differences. I can describe how living things have been classified. I can give reasons for classifying plants and animals in a specific way. Animals, including humans I can identify and name the main parts of the human circulatory system. I can describe the function of the heart, blood vessels and blood. I can discuss the impact of diet, exercise, drugs and life style on health. I can describe the ways in which nutrients and water are transported in animals, including humans. Evolution and inheritance I can describe how the earth and living things have changed over time. I can explain how fossils can be used to find out about the past. I can explain about reproduction and offspring (recognising that offspring normally vary and are not identical to their parents). I can explain how animals and plants are adapted to suit their environment. I can link adaptation over time to evolution.	Chemistry No content		Physics Light I can explain how light travels. I can explain and demonstrate how we see objects. I can explain why shadows have the same shape as the object that casts them. I can explain how simple optical instruments work, e.g. periscope, telescope, binoculars, mirror, magnifying glass etc. Electricity I can explain how the number & voltage of cells in a circuit links to the brightness of a lamp or the volume of a buzzer. I can compare and give reasons for why components work and do not work in a circuit. I can draw circuit diagrams using correct symbols.
Emerging	Secure		Exceeding	

Science – Whole School Overview

Year Group	Autumn	Spring	Summer
1	Who am I? (Animals including humans) Treasure Island (Everyday materials – plants, animals; including humans)	Polar Adventures (Everyday materials, plants animals including humans)	On safari (Everyday materials, plants, animals including humans). Holiday (protecting animals in the environment)
2	Healthy me! (Animals including humans) Materials Monster! (Everyday materials)	Mini Worlds (Animals including humans – plants)	Young Gardeners (Living things and their habitats, plants). Little master chefs (healthy eating)
3	Earth Rocks (Rocks). Food and our Bodies (Animals including humans)	Mirror Mirror (light). How does your garden grow? (Plants)	Opposites attract (Forces and magnets) We are astronauts.
4	What's that sound? (Sound) Living things (Living things and their habitat.	Looking at states (states of matter). Teeth and eating (animals including humans)	Power it up (Electricity)
5	Out of this World (Earth and Space). Material world (Properties and change of materials)	Circle of life (Living things and their habitats). Lets get moving (Forces)	Lets get moving (Forces) Super scientists (scientists in the real world)
6	Classifying Critters (Living things and their habitats) Staying Alive (Animals including humans)	We are evolving (evolution and inheritance) Let it shine (Light)	Electrifying (Electricity)

History - What the National Curriculum requires in history

KS1

Pupils should develop an awareness of the past, using common words and phrases relating to the passing of time. They should know where the people and events they study fit within a chronological framework and identify similarities and differences between ways of life in different periods. They should use a wide vocabulary of everyday historical terms. They should ask and answer questions, choosing and using parts of stories and other sources to show that they know and understand key features of events. They should understand some of the ways in which we find out about the past and identify different ways in which it is represented. In planning to ensure the progression described above through teaching about the people, events and changes outlined below, teachers are often introducing pupils to historical periods that they will study more fully at key stages 2 and 3.

Pupils should be taught about:

- changes within living memory. Where appropriate, these should be used to reveal aspects of change in national life
- events beyond living memory that are significant nationally or globally [for example, the Great Fire of London, the first aeroplane flight or events commemorated through festivals or anniversaries]
- the lives of significant individuals in the past who have contributed to national and international achievements. Some should be used to compare aspects of life in different periods [for example, Elizabeth I and Queen Victoria, Christopher Columbus and Neil Armstrong, William Caxton and Tim Berners-Lee, Pieter Bruegel the Elder and LS Lowry, Rosa Parks and Emily Davison, Mary Seacole and/or Florence Nightingale and Edith Cavell]
- significant historical events, people and places in their own locality.

KS2

Pupils should continue to develop a chronologically secure knowledge and understanding of British, local and world history, establishing clear narratives within and across the periods they study. They should note connections, contrasts and trends over time and develop the appropriate use of historical terms. They should regularly address and sometimes devise historically valid questions about change, cause, similarity and difference, and significance. They should construct informed responses that involve thoughtful selection and organisation of relevant historical information. They should understand how our knowledge of the past is constructed from a range of sources. In planning to ensure the progression described above through teaching the British, local and world history outlined below, teachers should combine overview and depth studies to help pupils understand both the long arc of development and the complexity of specific aspects of the content.

Pupils should be taught about:

- changes in Britain from the Stone Age to the Iron Age
- the Roman Empire and its impact on Britain
- Britain's settlement by Anglo-Saxons and Scots
- the Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor
- a local history study
- a study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066
- the achievements of the earliest civilizations an overview of where and when the first civilizations appeared and a depth study of one of the following: Ancient Sumer; The Indus Valley; Ancient Egypt; The Shang Dynasty of Ancient China
- Ancient Greece a study of Greek life and achievements and their influence on the western world
- a non-European society that provides contrasts with British history one study chosen from: early Islamic civilization, including a study of Baghdad c. AD 900; Mayan civilization c. AD 900; Benin (West Africa) c. AD 900-1300.

Being a Historian Year 1	Year 2	Year 3	
• I can use words and phrases like: old, new and a	• I can use words and phrases like: before, after, past,	I can describe events from the past using dates when	
long time ago.	present, then and now.	things happened.	
• I can recognise that some objects belonged to the	I can recount the life of someone famous from	I can use a timeline within a specific period of history	
past.	Britain who lived in the past. I can explain what they	to set out the order that things may have happened.	
• I can explain how I have changed since I was born.	did earlier and what they did later.	I can use my mathematical knowledge to work out	
• I can explain how some people have helped us to	I can give examples of things that were different	how long ago events happened.	
have better lives.	when my grandparents were children.	• I can explain some of the times when Britain has been	
• I can ask and answer questions about old and new	I can find out things about the past by talking to an	invaded.	
objects.	older person.	I can use research skills to find answers to specific	
 I can spot old and new things in a picture. 	• I can answer questions using books and the internet.	historical questions.	
 I can explain what an object from the past might 	I can research the life of a famous person from the	I can research in order to find similarities and	
have been used for.	past using different sources of evidence.	differences between two or more periods of history.	
Emerging Secure Exceeding	Emerging Secure Exceeding	Emerging Secure Exceeding	
Year 4	Year 5	Year 6	
 I can plot events on a timeline using centuries. 	• I can draw a timeline with different historical periods	I can place features of historical events and people	
• I can use my mathematical skills to round up time	showing key historical events or lives of significant	from the past societies and periods in a chronological	
differences into centuries and decades.	people.	framework.	
• I can explain how the lives of wealthy people were	• I can compare two or more historical periods;	I can summarise the main events from a period of	
different from the lives of poorer people.	explaining things which changed and things which	history, explaining the order of events and what	
I can explain how historic items and artefacts can	stayed the same.	happened.	
be used to help build up a picture of life in the past.	• I can explain how Parliament affects decision making	• I can summarise how Britain has had a major influence	
I can explain how an event from the past has	in England.	on the world.	
shaped our life today.	• I can explain how our locality has changed over time.	I can summarise how Britain may have learnt from	
• I can research two versions of an event and explain	I can test out a hypothesis in order to answer	other countries and civilizations (historically and more	
how they differ.	questions.	recently).	
I can research what it was like for children in a	I can describe how crime and punishment has	I can identify and explain differences, similarities and	
given period of history and present my findings to an	changed over a period of time.	changes between different periods of history.	
audience.		I can identify and explain propaganda.	
Emerging Secure Exceeding	Emerging Secure Exceeding	Emerging Secure Exceeding	

Whole School History Overview

Year Group	Autumn	Spring	Summer
1	Old and New Toys How we used to live – Local area and Peters Hill What was life like when our grandparents were children?	Mary Anning – Fossil Collector Ernest Shackleton – Arctic Explorer Who are our local heroes?	Seaside holidays in the past Railways in the past Why do we remember the fifth of November?
2	Bonfire Night – Who was Guy Fawkes? How did the first flight change the world?	How has food changed over time?	Journeys and Exploration - Titanic Space – Neil Armstrong Who were the greatest explorers?
3	Childhood in the past Stone age What was new about the new stone age?	Bronze age Iron age How unpleasant were the Bronze and Iron ages?	How much did the ancient Egyptians achieve?
4	Victorians What was important to our local Victorians?	Romans What happened when the Romans came?	Is it better to be a child now than in the past? Comparison between Roman and Victorian childhoods
5	Modern and Ancient Greece Why should we thank the Ancient Greeks?	Anglo Saxons What impact did the Anglo Saxons have?	History of holidays since 1950 Would the Vikings do anything for money?
6	World War 2 USA part in the War	Why should we remember the Maya?	How has communication changed over time?

Geography - What the National Curriculum requires in geography at KS1

Locational knowledge

- Name and locate the world's seven continents and five oceans
- Name, locate and identify characteristics of the four countries and capital cities of the United Kingdom and its surrounding seas

Place knowledge

Understand geographical similarities and differences through studying the human and physical geography of a small area of the United Kingdom, and of a small area in a contrasting non-European country

Human and physical geography

- Identify seasonal and daily weather patterns in the United Kingdom and the location of hot and cold areas of the world in relation to the Equator and the North and South Poles
- Use basic geographical vocabulary to refer to:
- o Key physical features, including: beach, cliff, coast, forest, hill, mountain, sea, ocean, river, soil, valley, vegetation, season and weather
- o Key human features, including: city, town, village, factory, farm, house, office, port, harbour and shop

Geographical skills and fieldwork

- Use world maps, atlases and globes to identify the United Kingdom and its countries, as well as the countries, continents and oceans studied at this key stage
- Use simple compass directions (North, South, East and West) and locational and directional language [for example, near and far; left and right], to describe the location of features and routes on a map
- Use aerial photographs and plan perspectives to recognise landmarks and basic human and physical features; devise a simple map; and use and construct basic symbols in a key
- Use simple fieldwork and observational skills to study the geography of their school and its grounds and the key human and physical features of its surrounding environment.

KS2

Locational knowledge

- Locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities
- Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and landuse patterns; and understand how some of these aspects have changed over time
- Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)

Place knowledge

• Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America

Human and physical geography

- Describe and understand key aspects of:
- o Physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle
- o Human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water

Geographical skills and fieldwork

- Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied
- Use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world
- Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.

Being a Geographer Year 1		Year 2			Year 3		
 I can keep a weather chart and the weather. I can explain where I live and to I can explain some of the main cold places. I can explain the clothes that I cold places. I can explain how the weather year and name the seasons. I can name the four countries in and locate them on a map. I can name some of the main to United Kingdom. 	ell someone my address. things that are in hot and would wear in hot and changes throughout the n the United Kingdom	I can say what in. I can say what I can describe a words. I can describe to using words like valley. I can explain he give my reasons. I can explain the need and give re I can name the on a map. I can name the and Ireland.	l like and do not like a place outside Europone of the features he key features of a beach, coast, forest, ow jobs may be differow an area has been a facilities that a village asons. continents of the world oceans and loger than the property of the world oceans and loger than the property of the world oceans and loger than the property of the world oceans and loger than the property of the world oceans and loger than the property of the world oceans and loger than the property of the prop	place from a picture hill, mountain, ocean, rent in other locations. spoilt or improved and age, town and city may orld and locate them ocate them on a map. and, Wales, Scotland	I can use to large t	some basic Ordnar grid references on an atlas by using the cribe how volcance te and name some cribe how earthquate a number of course.	he index to find places. es are created. e of the world's most famous
Emerging Secure	Exceeding	Emerging	Secure	Exceeding	Emerging	Secure	Exceeding
Year 4		Year 5			Year 6		
 I can carry out research to discover or cities. I can plan a journey to a place in Er I can collect and accurately measure temperature, wind speed, noise lever I can explain why people may be at I can explain why people may choose rather than another. I can locate the Tropic of Cancer ar I can explain the difference between Britain and the United Kingdom. I know the countries that make up I can find at least six cities in the U I can name and locate some of the the United Kingdom. I can name the areas of origin of the countries of	ngland. re information (e.g. rainfall, els etc). ttracted to live in cities. ose to live in one place and Tropic of Capricorn. en the British Isles, Great the European Union. K on a map.	I can plan a journ taking account of containing account of containing the land an atlas. I can explain why land an atlas. I can name and land an atlas. I can name and land an atlas.	many cities are situate people are attracted to course of a river. ocate many of the wor	ed on or close to rivers. to live by rivers. Id's most famous rivers in Id's most famous wider geographical	• I can answer of can use medescribe what of can describe to their hum of can name in an atlas. • I can identias the Arctic	er questions by using naps, aerial photogra at a locality might be ibe how some places an and physical feature the largest desert in ify and name the Troand Antarctic Circles in how time zones w	uphs, plans and e-resources to elike. Is are similar and dissimilar in relation ures. In the world and locate desert regions opics of Cancer and Capricorn as well
United Kingdom and in our school. Emerging Secure	ne main ethnic groups in the Exceeding	Emerging	Secure	Exceeding	Emerging	Secure	Exceeding

Whole School Geography Overview

Year Group	Autumn	Spring	Summer
1	Local Area Map making Where do we live?	Hot and cold places Weather Where do our favourite animals live?	Great Britain – countries, capitals, seas, human and physical geography What are seasons?
2	Local area – looking at London and the local area Where in the world do these people live?	The Gambia – contrasting locality oversees Where does our food come from?	Journeys – canals What are the seven wonders of the world?
3	Locating the UK Where on Earth are we?	Human and Physical Features How does the water go round and round?	Mediterranean Do we like to be beside the seaside?
4	Climate and weather Is climate cool?	How cities and villages have changed over time City and village comparisons	How does the Earth shake, rattle and roll?
5	Local area – Topographical features How is our country changing?	Where our food comes from Where does all our stuff come from?	Holidays Where should we go on holiday? Water and rivers – water cycle
6	Our local area Community Spirit How will our world look in the future?	Sustainability What is life like in the Amazon?	Are we damaging our world?

Art and Design

What the National Curriculum requires in art and design at KS1 and KS2

KS1

Pupils should be taught:

- to use a range of materials creatively to design and make products
- to use drawing, painting and sculpture to develop and share their ideas, experiences and imagination
- to develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space
- about the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work.

KS2

Pupils should be taught to develop their techniques, including their control and their use of materials, with creativity, experimentation and an increasing awareness of different kinds of art, craft and design.

Pupils should be taught:

- to create sketch books to record their observations and use them to review and revisit ideas
- to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]
- about great artists, architects and designers in history.

Being an Artist Year 1	Year 2	Year 3
I can show how people feel in paintings and	I can choose and use three different grades of pencil	I can show facial expressions in my art.
drawings.	when drawing.	I can use sketches to produce a final piece of art.
I can create moods in art work.	I can use charcoal, pencil and pastel to create art.	I can use different grades of pencil to shade and to show
I can use pencils to create lines of different thickness	I can use a viewfinder to focus on a specific part of an	different tones and textures.
in drawings.	artefact before drawing it.	I can create a background using a wash.
I can name the primary and secondary colours.	I can mix paint to create all the secondary colours.	I can use a range of brushes to create different effects in
I can create a repeating pattern in print.	I can create brown with paint.	painting.
I can cut, roll and coil materials.	I can create tints with paint by adding white.	I can identify the techniques used by different artists.
I can use IT to create a picture.	I can create tones with paint by adding black.	I can use digital images and combine with other media
I can describe what I can see and give an opinion	I can create a printed piece of art by pressing, rolling,	in my art.
about the work of an artist.	rubbing and stamping.	I can use IT to create art which includes my own work
I can ask questions about a piece of art.	I can make a clay pot.	and that of others.
	I can join two clay finger pots together.	I can compare the work of different artists.
	I can use different effects within an IT paint package.	I recognise when art is from different cultures.
	I can suggest how artists have used colour, pattern and	I recognise when art is from different historical periods.
	shape.	
	I can create a piece of art in response to the work of	
	another artist.	
Emerging Secure Exceeding	Emerging Secure Exceeding	Emerging Secure Exceeding
Year 4	Year 5	Year 6
I I can show tacial evergesions and hody language in	I I can identify and draw objects and use marks and	
I can show facial expressions and body language in	I can identify and draw objects and use marks and	I can explain why I have used different tools to create
sketches and paintings.	lines to produce texture.	art.
sketches and paintings. I can use marks and lines to show texture in my art.	lines to produce texture. I can successfully use shading to create mood and	art. I can explain why I have chosen specific techniques to
sketches and paintings. I can use marks and lines to show texture in my art. I can use line, tone, shape and colour to represent	lines to produce texture. I can successfully use shading to create mood and feeling.	art. I can explain why I have chosen specific techniques to create my art.
sketches and paintings. I can use marks and lines to show texture in my art. I can use line, tone, shape and colour to represent figure and forms in movement.	lines to produce texture. I can successfully use shading to create mood and feeling. I can organise line, tone, shape and colour to	art. I can explain why I have chosen specific techniques to create my art. I can explain the style of my work and how it has been
sketches and paintings. I can use marks and lines to show texture in my art. I can use line, tone, shape and colour to represent figure and forms in movement. I can show reflections in my art.	lines to produce texture. I can successfully use shading to create mood and feeling. I can organise line, tone, shape and colour to represent figures and forms in movement.	art. I can explain why I have chosen specific techniques to create my art. I can explain the style of my work and how it has been influenced by a famous artist.
sketches and paintings. I can use marks and lines to show texture in my art. I can use line, tone, shape and colour to represent figure and forms in movement. I can show reflections in my art. I can print onto different materials using at least	lines to produce texture. I can successfully use shading to create mood and feeling. I can organise line, tone, shape and colour to represent figures and forms in movement. I can use shading to create mood and feeling.	art. I can explain why I have chosen specific techniques to create my art. I can explain the style of my work and how it has been influenced by a famous artist. I can over print to create different patterns.
sketches and paintings. I can use marks and lines to show texture in my art. I can use line, tone, shape and colour to represent figure and forms in movement. I can show reflections in my art. I can print onto different materials using at least four colours.	lines to produce texture. I can successfully use shading to create mood and feeling. I can organise line, tone, shape and colour to represent figures and forms in movement. I can use shading to create mood and feeling. I can express emotion in my art.	art. I can explain why I have chosen specific techniques to create my art. I can explain the style of my work and how it has been influenced by a famous artist. I can over print to create different patterns. I can use feedback to make amendments and
sketches and paintings. I can use marks and lines to show texture in my art. I can use line, tone, shape and colour to represent figure and forms in movement. I can show reflections in my art. I can print onto different materials using at least four colours. I can sculpt clay and other mouldable materials.	lines to produce texture. I can successfully use shading to create mood and feeling. I can organise line, tone, shape and colour to represent figures and forms in movement. I can use shading to create mood and feeling. I can express emotion in my art. I can create an accurate print design following criteria.	art. I can explain why I have chosen specific techniques to create my art. I can explain the style of my work and how it has been influenced by a famous artist. I can over print to create different patterns. I can use feedback to make amendments and improvement to my art.
sketches and paintings. I can use marks and lines to show texture in my art. I can use line, tone, shape and colour to represent figure and forms in movement. I can show reflections in my art. I can print onto different materials using at least four colours. I can sculpt clay and other mouldable materials. I can integrate my digital images into my art.	lines to produce texture. I can successfully use shading to create mood and feeling. I can organise line, tone, shape and colour to represent figures and forms in movement. I can use shading to create mood and feeling. I can express emotion in my art. I can create an accurate print design following criteria. I can use images which I have created, scanned and	art. I can explain why I have chosen specific techniques to create my art. I can explain the style of my work and how it has been influenced by a famous artist. I can over print to create different patterns. I can use feedback to make amendments and
sketches and paintings. I can use marks and lines to show texture in my art. I can use line, tone, shape and colour to represent figure and forms in movement. I can show reflections in my art. I can print onto different materials using at least four colours. I can sculpt clay and other mouldable materials. I can integrate my digital images into my art. I can experiment with the styles used by other	lines to produce texture. I can successfully use shading to create mood and feeling. I can organise line, tone, shape and colour to represent figures and forms in movement. I can use shading to create mood and feeling. I can express emotion in my art. I can create an accurate print design following criteria. I can use images which I have created, scanned and found; altering them where necessary to create art.	art. I can explain why I have chosen specific techniques to create my art. I can explain the style of my work and how it has been influenced by a famous artist. I can over print to create different patterns. I can use feedback to make amendments and improvement to my art.
sketches and paintings. I can use marks and lines to show texture in my art. I can use line, tone, shape and colour to represent figure and forms in movement. I can show reflections in my art. I can print onto different materials using at least four colours. I can sculpt clay and other mouldable materials. I can integrate my digital images into my art. I can experiment with the styles used by other artists.	lines to produce texture. I can successfully use shading to create mood and feeling. I can organise line, tone, shape and colour to represent figures and forms in movement. I can use shading to create mood and feeling. I can express emotion in my art. I can create an accurate print design following criteria. I can use images which I have created, scanned and found; altering them where necessary to create art. I can research the work of an artist and use their work	art. I can explain why I have chosen specific techniques to create my art. I can explain the style of my work and how it has been influenced by a famous artist. I can over print to create different patterns. I can use feedback to make amendments and improvement to my art.
sketches and paintings. I can use marks and lines to show texture in my art. I can use line, tone, shape and colour to represent figure and forms in movement. I can show reflections in my art. I can print onto different materials using at least four colours. I can sculpt clay and other mouldable materials. I can integrate my digital images into my art. I can experiment with the styles used by other artists. I can explain some of the features of art from	lines to produce texture. I can successfully use shading to create mood and feeling. I can organise line, tone, shape and colour to represent figures and forms in movement. I can use shading to create mood and feeling. I can express emotion in my art. I can create an accurate print design following criteria. I can use images which I have created, scanned and found; altering them where necessary to create art.	art. I can explain why I have chosen specific techniques to create my art. I can explain the style of my work and how it has been influenced by a famous artist. I can over print to create different patterns. I can use feedback to make amendments and improvement to my art.
sketches and paintings. I can use marks and lines to show texture in my art. I can use line, tone, shape and colour to represent figure and forms in movement. I can show reflections in my art. I can print onto different materials using at least four colours. I can sculpt clay and other mouldable materials. I can integrate my digital images into my art. I can experiment with the styles used by other artists.	lines to produce texture. I can successfully use shading to create mood and feeling. I can organise line, tone, shape and colour to represent figures and forms in movement. I can use shading to create mood and feeling. I can express emotion in my art. I can create an accurate print design following criteria. I can use images which I have created, scanned and found; altering them where necessary to create art. I can research the work of an artist and use their work	art. I can explain why I have chosen specific techniques to create my art. I can explain the style of my work and how it has been influenced by a famous artist. I can over print to create different patterns. I can use feedback to make amendments and improvement to my art.

Whole School Art and Design Overview

Year Group	Autumn	Spring	Summer
1	Drawing Textiles – weaving Use of IT – Revelation Art Junior	Drawing Painting – Animals Patterns Collage – Animal Portraits	Drawing Printing – vegetable and fruit prints Painting - landscapes
2	Explaining different tools. Colour mixing. Prelim drawings.	African Inspired Art.	Artist study – Degas and Laury
3	Patrick Caulfield	Painting using natural resources	Pencil portraits
4	Printing and Digital Media	Clay	Pencil sketch portrait
5	Greek art Pottery	William Morris – clay tile	Techniques by different artists
6		Andy Warhol Pop Art	Peter Thorpe Space Art

Design Technology - What the National Curriculum requires in design and technology

KS1

Design

- Design purposeful, functional, appealing products for themselves and other users based on design criteria
- Generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology

Make

- Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]
- Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics

Evaluate

- Explore and evaluate a range of existing products
- Evaluate their ideas and products against design criteria

Technical knowledge

- Build structures, exploring how they can be made stronger, stiffer and more stable
- Explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.

KS2

Design

- Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups
- Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design

Make

- Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately
- Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities

Evaluate

- Investigate and analyse a range of existing products
- Evaluate their ideas and products against their own design criteria and consider the views of others to

Improve their work

• Understand how key events and individuals in design and technology have helped shape the world

Technical knowledge

- Apply their understanding of how to strengthen, stiffen and reinforce more complex structures
- Understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]
- Understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors]
- Apply their understanding of computing to program, monitor and control their products.

Being a Design	er Year 1		Year 2			Year 3		
• I can use my	own ideas to ma	ke something.	• I can thin	nk of an idea and	d plan what to do next.	• I can pro	ve that my desig	gn meets some set criteria.
• I can describe	e how something	g works.	• I can cho	ose tools and m	aterials and explain why I	• I can foll	low a step-by-ste	ep plan, choosing the right
• I can cut food	l safely.		have chose	en them.		equipmen	t and materials.	
• I can make a	product which m	noves.	• I can join	materials and c	components in different	• I can des	sign a product ar	nd make sure that it looks
• I can make m	y model stronge	r.	ways.			attractive.	•	
• I can explain	to someone else	how I want to make	• I can exp	lain what went	well with my work.	• I can cho	oose a textile for	both its suitability and its
my product.			• I can exp	lain why I have	chosen specific textiles.	appearance	ce.	
• I can choose	appropriate reso	ources and tools.	• I can mea	asure materials f	to use in a model or	• I can sele	ect the most app	propriate tools and techniques
• I can make a	simple plan befo	re making.	structure.			for a given	n task.	
			• I can des	cribe the ingred	ients I am using.	• I can ma	ke a product wh	ich uses both electrical and
						mechanica	al components.	
						• I can wo	rk accurately to	measure, make cuts and make
						holes.		
								ingredients come together.
Emerging	Secure	Exceeding	Emerging	Secure	Exceeding	Emerging	Secure	Exceeding
Year 4			Year 5			Year 6		
• I can use idea	is from other pe	ople when I am		•	ge of ideas after collecting	• I can use	e market researc	h to inform my plans and
designing.				n from different		ideas.		
• I can produce	e a plan and expl	ain it.	• I can pro	duce a detailed,	step-by-step plan.	• I can foll	low and refine m	ıy plans.
I can evaluate	e and suggest im	provements for my	_	_	plans; outlining the positive	_	<i>, ,</i> ,	a convincing way.
designs.			features ar	nd draw backs.		• I can sho	ow that I conside	r culture and society in my
I can evaluate	e products for bo	oth their purpose and	•	lain how a prod	uct will appeal to a specific	plans and	•	
appearance.			audience.					d evaluate my products.
• I can explain	how I have impr	oved my original	• I can eva	luate appearance	ce and function against	• I can exp	olain how produc	cts should be stored and give
design.			original cri	teria.		reasons.		
• I can present	a product in an i	interesting way.	• I can use	a range of tools	and equipment		rk within a budg	
• I can measure	e accurately.		competent	tly.		• I can eva	aluate my produ	ct against clear criteria.
• I can perseve	re and adapt my	work when my	• I can mal	ke a prototype b	efore make a final version.			
original ideas d	lo not work.		• I show th	ıat I can be both	hygienic and safe in the			
• I know how t	o be both hygier	nic and safe when	kitchen.					
using food.								
Emerging	Secure	Exceeding	Emerging	Secure	Exceeding	Emerging	Secure	Exceeding

Whole School Design Technology Overview

Year Group	Autumn	Spring	Summer
1	Food (cooking in the curriculum) –	Food (cooking in the curriculum) –	Food (cooking in the curriculum) –
	Fruit pot crunch and Fruit Kebabs	Coleslaw and fruity pud	Filled wraps, Dips and dunkers
	Textiles – felt Christmas ornament	Mechanisms – Moving animal puppet	Mechanisms – Pop up picture (seaside)
2	Food (cooking in the curriculum) –	Food (cooking in the curriculum) –	Food (cooking in the curriculum) –
	Pinwheel sandwiches and Pizza	Cheese straws and Tinned fruit crumble	Tinned fruit crumble and Shortbread
	Using materials		Construction – designing and making
		Using materials to make Gambia outfit	a space buggy
3	Food (cooking in the curriculum) –	Food (cooking in the curriculum) –	Food (cooking in the curriculum) –
	Fruity fool and Pasta salad	Cheese and sweetcorn scones	Filled wraps, Black country fruit biscuit
	Sewing	Modelling – round houses	
			Design and make torches
4	Food (cooking in the curriculum) –	Food (cooking in the curriculum) –	Food (cooking in the curriculum) –
	Bread rolls and Bread and butter	Bread and butter pudding	Black country biscuits and Greek
	pudding	Wheels and Axels – Roman Chariots	salad
	Sewing – Victorian Purses	Wheels and Axeis – Norman Charlots	Interactive children's book
5	Food (cooking in the curriculum) –	Food (cooking in the curriculum) –	Food (cooking in the curriculum) -
	Pasta Romonov and Shortbread	Fruity pud	Scones
	Decireled meterials to make houses	Design food poskaging	Textiles linked to water aid
6	Recycled materials to make houses	Design food packaging	
O O	Food (cooking in the curriculum) - Pizza	Food (cooking in the curriculum) – Bread rolls and Greek salad	Food (cooking in the curriculum)
	Houses of the Future		

Music

What the National Curriculum requires in music at KS1 and KS2

Pupils should be taught to:

KS1

- Use their voices expressively and creatively by singing songs and speaking chants and rhymes
- Play tuned and untuned instruments musically
- Listen with concentration and understanding to a range of high-quality live and recorded music
- Experiment with, create, select and combine sounds using the inter-related dimensions of music.

KS2

Pupils should be taught to sing and play musically with increasing confidence and control. They should develop an understanding of musical composition, organising and manipulating ideas within musical structures and reproducing sounds from aural memory.

Pupils should be taught to:

- Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression
- Improvise and compose music for a range of purposes using the inter-related dimensions of music
- Listen with attention to detail and recall sounds with increasing aural memory
- Use and understand staff and other musical notations
- Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians
- Develop an understanding of the history of music.

Being a Musi	cian Year 1		Year 2			Year 3		
 I can use inst I can clap sho I can make di instruments. I can repeat s I can make a I can respond I can say whe I can choose 	short rhythmic and sequence of sound d to different mood ether I like or dislike sounds to represen	n. n my voice and with melodic patterns. s. s in music. e a piece of music.	I can performed to the performance of the performa	teady pulse. simple rhythmic por clap increasinger sounds to create te music in response sounds which symbols to represe connections beton out for particular	patterns on an instrument. g and decreasing tempo. e a beginning, middle and an use to different starting points. create an effect. sent sounds. tween notations and musical ar things when listening to	• I can play • I can use of l can crea • I can crea • I can com • I can com feeling. • I can use of composition • I can use of like about a • I can impr	te repeated par pose melodies te accompanim bine different s musical words t ns. musical words t a piece of music ignise the work	instruments. Ints in my composition. Itterns with different instruments. Iterns ongs. Iterns for tunes. Iterns ounds to create a specific mood or Iterns of the specific mood or Iterns of
Emerging	Secure	Exceeding	• I can impr	rove my own worl Secure	Exceeding	improved. Emerging	Secure	Exceeding
Year 4			Year 5			Year 6		
 I can sing son I can improvi I can use not pitches. I can use not group or on my I can explain explain what e I can identify I can identify music. 	ation to record comy own. why silence is ofter ffect it has. the character in a pair and describe the do	orith accurate pitch. Deatterns. Interpret sequences of Deappositions in a small Deapposition music and	• I can mair part. • I can impropriate phrases. • I can charge the • I can com • I can use in composition • I can choose music. • I can description of the can explain unsuccessful others.	rovise within a grounds or organge sounds or organge sounds or organge effect. pose music which notation to record my music diary to an process. The pose the most approximation in the process of th	t place when singing. Ist others are performing their oup using melodic and rhythmic anise them differently to meets specific criteria. d groups of pitches (chords). orecord aspects of the copriate tempo for a piece of d evaluate music using musical usic is successful or to my own work and that of a famous composer and explain	• I can performance of the way a public of the	orm parts from the lead in a post a variety of diffing light of the value of the va	erformance. erent musical devices in my lody, rhythms and chords). enue, occasion and purpose affects
			I IIIy preferei	illes.				

Whole School Music Overview

Year Group	Autumn	Spring	Summer
1	Our school – Exploring sounds Number – Exploring beat	Animals – Exploring Pitch Pattern – Exploring Beat	Seasons – Exploring Pitch Story Time – Exploring sounds
2	Changes in musical elements	Recorders African Music Call and response	Exploring timbre, tempo and dynamics. Space music
3	Listening and responding to music	Composition – stone age music	C Sharp
4	Composing – weather songs Victorian music hall and Elgar	Composing – Roman battle music Composer Study – Beethoven and Mozart	Composing Raps for Father's day performance Drumming – Volcano/Earthquake compositions
5	Famous musicians Christmas concert	Composing own music – link to science	Listening and composing. Water music – Handel
6		History of Blues Music Blues Chord Sequence	

Physical Education

What the National Curriculum requires in physical education at KS1 and KS2

Key stage 1

Pupils should be taught to:

- Master basic movements including running, jumping, throwing and catching, as well as developing balance, agility and co-ordination, and begin to apply these in a range of activities
- Participate in team games, developing simple tactics for attacking and defending
- Perform dances using simple movement patterns.

Key stage 2

Pupils should continue to apply and develop a broader range of skills, learning how to use them in different ways and to link them to make actions and sequences of movement. They should enjoy communicating, collaborating and competing with each other. They should develop an understanding of how to improve in different physical activities and sports and learn how to evaluate and recognise their own success.

Pupils should be taught to:

- Use running, jumping, throwing and catching in isolation and in combination
- Play competitive games, modified where appropriate [for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis], and apply basic principles suitable for attacking and defending
- Develop flexibility, strength, technique, control and balance [for example, through athletics and gymnastics]
- Perform dances using a range of movement patterns
- Take part in outdoor and adventurous activity challenges both individually and within a team
- Compare their performances with previous ones and demonstrate improvement to achieve their personal best.

Swimming and water safety

All schools must provide swimming instruction either in key stage 1 or key stage 2. In particular, pupils should be taught to:

- Swim competently, confidently and proficiently over a distance of at least 25 metres
- Use a range of strokes effectively [for example, front crawl, backstroke and breaststroke]
- Perform safe self-rescue in different water-based situations.

	1 4 6	T.v. o
Being a Sports Person - Year 1	Year 2	Year 3
<u>Games</u>	<u>Games</u>	Games
• I can throw underarm.	I can use hitting, kicking and/or rolling in a game.	• I can throw and catch with control.
• I can hit a ball with a bat.	I can decide the best space to be in during a game.	• I am aware of space and use it to support team-mates and to cause
I can move and stop safely.	• I can use one tactic in a game.	problems for the opposition.
 I can throw and catch with both hands. 	• I can follow rules.	I know and use rules fairly.
I can throw and kick in different ways.	Gymnastics	<u>Gymnastics</u>
<u>Gymnastics</u>	I can plan and perform a sequence of movements.	• I can adapt sequences to suit different types of apparatus and criteria.
I can make my body curled, tense, stretched and relaxed.	I can improve my sequence based on feedback.	I can explain how strength and suppleness affect performance.
I can control my body when travelling and balancing.	• I can think of more than one way to create a sequence which follows	I can compare and contrast gymnastic sequences.
I can copy sequences and repeat them.	some 'rules'.	<u>Dance</u>
I can roll, curl, travel and balance in different ways.	I can work on my own and with a partner.	• I can improvise freely and translate ideas from a stimulus into movement.
<u>Dance</u>	<u>Dance</u>	• I can share and create phrases with a partner and small group.
• I can move to music.	• I can change rhythm, speed, level and direction in my dance.	• I can repeat, remember and perform phrases.
I can copy dance moves.	I can dance with control and coordination.	Athletics
• I can perform my own dance moves.	I can make a sequence by linking sections together.	• I can run at fast, medium and slow speeds; changing speed and direction.
• I can make up a short dance.	• I can use dance to show a mood or feeling.	• I can take part in a relay, remembering when to run and what to do.
I can move safely in a space.	General	Outdoor and adventurous
General	• I can copy and remember actions.	• I can follow a map in a familiar context.
• I can copy actions.	• I can talk about what is different from what I did and what someone else	• I can use clues to follow a route.
• I can repeat actions and skills.	did	• I can follow a route safely.
I can move with control and care.		,
• I can use equipment safely.		
Emerging Secure Exceeding	Emerging Secure Exceeding	Emerging Secure Exceeding
Year 4	Year 5	Year 6
Games	Games	Games
Games • I can catch with one hand.	Games • I can gain possession by working a team.	
• I can catch with one hand.	I can gain possession by working a team.	• I can play to agreed rules.
I can catch with one hand. I can throw and catch accurately.		I can play to agreed rules. I can explain rules.
I can catch with one hand. I can throw and catch accurately. I can hit a ball accurately with control.	I can gain possession by working a team. I can pass in different ways.	I can play to agreed rules. I can explain rules. I can umpire.
I can catch with one hand. I can throw and catch accurately. I can hit a ball accurately with control. I can keep possession of the ball.	I can gain possession by working a team. I can pass in different ways. I can use forehand and backhand with a racket. I can field.	I can play to agreed rules. I can explain rules. I can umpire. I can make a team and communicate plan.
I can catch with one hand. I can throw and catch accurately. I can hit a ball accurately with control. I can keep possession of the ball. I can vary tactics and adapt skills depending on what is happening in a	 I can gain possession by working a team. I can pass in different ways. I can use forehand and backhand with a racket. I can field. I can choose a tactic for defending and attacking. 	I can play to agreed rules. I can explain rules. I can umpire. I can make a team and communicate plan. I can lead others in a game situation.
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Whole School PE Overview

Year Group	Autumn	Spring	Summer
1	Gym 1-6	Gym 7-12	Gym 13-16
-	Dance 1-6	Dance 7-12	Dance 13-16
	Games Strike/Field 1-12	Games Net 1-12	Athletics 1-6
			OAA 1-6
2	Gym 1-6	Gym 7-12	Gym 13-16
_	Dance 1-6	Dance 7-12	Dance 13-16
	Games Strike/Field 1-8	Games Invasion 1-8	Athletics 1-6
	Games Net – 1-8		OAA 1-6
3	Gym 1-6	Gym 7-12	Gym 13-16
3	Dance 1-6	Dance 7-12	Dance 13-16
	Games Strike/Field 1-8	Games Invasion 1-12	Athletics 1-6
	Games Net – 1-8		OAA 1-6
			Swimming
4	Gym 1-6	Gym 7-12	Gym 13-16
-	Dance 1-6	Dance 7-12	Dance 13-16
	Games Strike/Field 1-10	Games Invasion 1-12	Athletics 1-6
	Games Net – 1-6	Swimming	OAA 1-6
5	Gym 1-6	Gym 7-12	Gym 13-16
3	Dance 1-6	Dance 7-12	Dance 13-16
	Games Strike/Field 1-8	Games Invasion 1-13	Athletics 1-6
	Games Net – 1-7		OAA 1-6
6	Gym 1-6	Gym 7-12	Gym 13-16
•	Dance 1-6	Dance 7-12	Dance 13-16
	Games Strike/Field 1-10	Games Invasion 1-10	Athletics 1-6
	Games Net – 1-8		OAA 1-6

Computing - What the National Curriculum requires in computing

KS1

Pupils should be taught to:

- Understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions
- Create and debug simple programs
- Use logical reasoning to predict the behaviour of simple programs
- Use technology purposefully to create, organise, store, manipulate and retrieve digital content
- Recognise common uses of information technology beyond school
- Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.

KS2

Pupils should be taught to:

- Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts
- Use sequence, selection, and repetition in programs; work with variables and various forms of input and output
- Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs
- Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration
- Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content
- Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information
- Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.

Being a Computer User - Year 1	Year 2	Year 3	
Algorithms and programming	Algorithms and programming	Algorithms and programming	
I can create a series of instructions.	• I can use a range of instructions (e.g. direction, angles,	• I can design a sequence of instructions, including directional	
• I can plan a journey for a programmable toy.	turns).	instructions.	
Information technology	 I can test and amend a set of instructions. 	• I can write programs that accomplish specific goals.	
I can create digital content.	• I can find errors and amend. (debug)	• I can work with various forms of input.	
I can store digital content.	I can write a simple program and test it.	• I can work with various forms of output.	
I can retrieve digital content.	I can predict what the outcome of a simple program will	Information technology	
• I can use a web site.	be (logical reasoning).	• I can use a range of software for similar purposes.	
• I can use a camera.	• I understand that algorithms are used on digital devices.	I can collect information.	
I can record sound and play back.	• I understand that programs require precise instructions.	I can design and create content.	
Digital literacy	Information technology	I can present information.	
• I can use technology safely.	I can organise digital content.	• I can search for information on the web in different ways.	
• I can keep personal information private.	I can retrieve and manipulate digital content.	I can manipulate and improve digital images.	
	• I can navigate the web to complete simple searches.	Digital literacy	
	Digital literacy	I use technology respectfully and responsibly.	
	I use technology respectfully.	• I know different ways I can get help if I am concerned.	
	I know where to go for help if I am concerned.	I understand what computer networks do and how they	
	I know how technology is used in school and outside of	provide multiple services.	
	school.	 I can discern where it is best to use technology and where it 	
		adds little or no value.	
Emerging Secure Exceeding	Emerging Secure Exceeding	Emerging Secure Exceeding	
Year 4	Year 5	Year 6	
Algorithms and programming	Algorithms and programming	Algorithms and programming	
• I can experiment with variables to control models.	• I can combine sequences of instructions and procedures	• I can design a solution by breaking a problem up.	
 I can give an on-screen robot specific instructions that 	to turn devices on and off.	 I recognise that different solutions can exist for the same 	
takes them from A to B.	 I can use technology to control an external device. 	problem.	
I can make an accurate prediction and explain why I	 I can design algorithms that use repetition & 2-way 	 I can use logical reasoning to detect errors in algorithms. 	
believe something will happen (linked to programming).	selection.	• I can use selection in programs.	
• I can de-bug a program.	Information technology	• I can work with variables.	
Information technology	• I can analyse information.	• I can explain how an algorithm works.	
• I can select and use software to accomplish given goals.	I can evaluate information.	 I can explore 'what if' questions by planning different 	
I can collect and present data.	a Lundanetand bass security and calcuted and realized	scenarios for controlled devices.	
. can concert and present data.	• I understand how search results are selected and ranked.	scenarios for controlled devices.	
• I can produce and upload a pod cast.	I understand now search results are selected and ranked.I can edit a film.	Information technology	
·			
• I can produce and upload a pod cast.	• I can edit a film.	Information technology	
• I can produce and upload a pod cast. <u>Digital literacy</u>	• I can edit a film. <u>Digital literacy</u>	Information technology • I can select, use and combine software on a range of digital	
 I can produce and upload a pod cast. <u>Digital literacy</u> I recognise acceptable and unacceptable behaviour 	 I can edit a film. <u>Digital literacy</u> I understand that you have to make choices when using 	 Information technology I can select, use and combine software on a range of digital devices. 	
 I can produce and upload a pod cast. <u>Digital literacy</u> I recognise acceptable and unacceptable behaviour 	 I can edit a film. <u>Digital literacy</u> I understand that you have to make choices when using 	 Information technology I can select, use and combine software on a range of digital devices. I can use a range of technology for a specific project. 	

Being a safe computer user – Years 1 and 2

Knowledge and understanding

- I understand the different methods of communication (e.g. email, online forums etc).
- I know you should only open email from a known source.
- I know the difference between email and communication systems such as blogs and wikis.
- I know that websites sometimes include pop-ups that take me away from the main site.
- I know that bookmarking is a way to find safe sites again quickly.
- I have begun to evaluate websites and know that everything on the internet is not true.
- I know that it is not always possible to copy some text and pictures from the internet.
- I know that personal information should not be shared online.
- I know I must tell a trusted adult immediately if anyone tries to meet me via the internet.

Skills

- I follow the school's safer internet rules.
- I can use the search engines agreed by the school.
- I know what to do if I find something inappropriate online or something I am unsure of (including identifying people who can help; minimising screen; online reporting using school system etc).
- I can use the internet for learning and communicating with others, making choices when navigating through sites.
- I can send and receive email as a class.
- I can recognise advertising on websites and learn to ignore it.
- I can use a password to access the secure network.

Emerging	Secure	Exceeding	Emerging	Secure	Exceeding

Years 3 and 4

Knowledge and understanding

- I understand the need for rules to keep me safe when exchanging learning and ideas online.
- I recognise that information on the internet may not be accurate or reliable and may be used for bias, manipulation or persuasion.
- I understand that the internet contains fact, fiction and opinion and begin to distinguish between them.
- I use strategies to verify information, e.g. cross-checking.
- I understand the need for caution when using an internet search for images and what to do if I find an unsuitable image.
- I understand that copyright exists on most digital images, video and recorded music.
- I understand the need to keep personal information and passwords private.
- I understand that if I make personal information available online it may be seen and used by others.
- I know how to respond if asked for personal information or feel unsafe about content of a message.
- I recognise that cyber bullying is unacceptable and will be sanctioned in line with the school's policy.
- I know how to report an incident of cyber bullying.
- I know the difference between online communication tools used in school and those used at home.
- I understand the need to develop an alias for some public online use.
- I understand that the outcome of internet searches at home may be different than at school

<u>Skills</u>

- I follow the school's safer internet rules.
- I recognise the difference between the work of others which has been copied (plagiarism) and re-structuring and re-presenting materials in ways which are unique and new.
- I can identify when emails should not be opened and when an attachment may not be safe.
- I can explain and demonstrate how to use email safely.
- I can use different search engines.

Emerging Secure Exceeding Emerging Secure Exceeding

Years 5 and 6

Knowledge and understanding

- I can discuss the positive and negative impact of the use of ICT in my own life, my friends and family.
- I understand the potential risk of providing personal information online.
- I recognise why people may publish content that is not accurate and understand the need to be critical evaluators of content.
- I understand that some websites and/or pop-ups have commercial interests that may affect the way the information is presented.
- I recognise the potential risks of using internet communication tools and understand how to minimise those risks (including scams and phishing).
- I understand that some material on the internet is copyrighted and may not be copied or downloaded.
- I understand that some messages may be malicious and know how to deal with this.
- I understand that online environments have security settings, which can be altered, to protect the user.
- I understand the benefits of developing a 'nickname' for online use.
- I understand that some malicious adults may use various techniques to make contact and elicit personal information.
- I know that it is unsafe to arrange to meet unknown people online.
- I know how to report any suspicions.
- I understand I should not publish other people's pictures or tag them on the internet without permission.
- I know that content put online is extremely difficult to remove.
- I know what to do if I discover something malicious or inappropriate.

Skills

- I follow the school's safer internet rules.
- I can make safe choices about the use of technology.
- I can use technology in ways which minimises risk. e.g. responsible use of online discussions, etc.
- I can create strong passwords and manage them so that they remain strong.
- I can independently, and with regard for e -safety, select and use appropriate communication tools to solve problems by collaborating and communicating with others within and beyond school.
- I can competently use the internet as a search tool.
- I can reference information sources.
- I can use appropriate strategies for finding, critically evaluating, validating and verifying information. e.g. using different keywords, skim reading to check relevance of information, cross checking with different websites or other non ICT resources.
- I can use knowledge of the meaning of different domain names and common website extensions (e.g. .co.uk; .com; .ac; .sch; .org; .gov; .net) to support validation of information.

Emerging Secure Exceeding Emerging Secure Exceeding

Whole School Overview Computing

Year Group	Autumn	Spring	Summer
1	We are treasure hunters (Algorithms and programs) We are TV chefs E Safety	Communicating safely We are collectors (Data retrieving and organising) E Safety	Data retrieving and organising We are storytellers E Safety
2	We are Astronauts (Algorithms and programs) We are Researchers (Data retrieving and organising) E Safety	Communicating safely E Safety	We are photographers We are zoologists E Safety
3	We are network engineers (Using the Internet) We are Programmers (Algorithms and programs) E Safety	Communicating safely Presentation E Safety	Databases Data retrieving and organising E Safety
4	Databases Using the internet E Safety	Communicating safely Data retrieving and organising E Safety	Algorithms and programs Presentation E Safety
5	Using the Internet Presentation E Safety	Communicating safely Algorithms and programs E Safety	Databases Data retrieving and organising E Safety
6	Using the Internet Communicating safely E Safety	Presentation Algorithms and programs E Safety	Data retrieving and organising Databases E Safety

Whole School Overview – E-Safety

Year Group	Autumn	Spring	Summer
1	Going places safely	Internet safety day	My creative work
	ABC Searching	Keep it private	Sending email
2	Staying safe online	Internet safety day	Using keywords
	Follow the digital trail	Screen out the mean	Sites I like
3	Powerful passwords	Internet safety day	Show respect online
	My online community	Things for sale	Writing good emails
4	Rings of responsibility	Internet safety day	The key to keywords
	Private and personal information	The power of words	Whose is it anyway?
5	Strong passwords	Internet safety day	How to cite a site
	Digital citizenship pledge	You've won a prize	Picture perfect
6	Talking safely online	Internet safety day	What's cyberbullying
	Super digital citizen	Privacy rules	Selling stereotypes

Whole School Overview – Religious Education

Year Group	Autumn	Spring	Summer
1	Christianity	Christianity	Judaism
_	Creation	Jesus as a Friend	Shabbat
	Christianity	Christianity	Judaism
	Christmas	Palm Sunday	Chanukah
2	Christianity	Islam	Islam
2	What did Jesus teach?	Prayer at home	Community and belonging
	Christmas	Christianity	Islam
	Jesus as a gift from God	Easter - Resurrection	Hajj
3	Sikhism	Christianity	Sikhism
3	The Amrit ceremony and the Khalsa	Jesus Miracles	Sharing and Community
	Christianity	Christianity	Sikhism
	Christmas	Easter forgiveness	Prayer and Worship
4	Judaism	Judaism	Judaism
~	Beliefs and Practices	Passover	Rites of passage and good works
	Christianity	Christianity	Christianity
	Christmas	Easter	Prayer and Worship
5	Hinduism	Hinduism	Hinduism
3	Prayer and Worship	Hindu Beliefs	Beliefs and Moral Values
	Christianity	Christianity	Christianity
	Christmas	Easter	Beliefs and Practices
6	Islam	Christianity	Islam
	Beliefs and Practices	Beliefs and Meaning	Beliefs and Moral views
	Christianity	Christianity	Islam
	Christmas	Easter	Belief and Moral Values

Whole School Overview – Personal Social Health Economic (PSHE) Education

Year Group	Autumn	Spring	Summer
1	We're all stars! - Community - Rights and responsibilities - Getting to know each other - Working together Be friendly, be wise - Making and sustaining friendships - Conflict resolution - Anti-bullying - Keeping safe at home and outdoors	Live long, living strong - Health eating and exercise - Goal setting and motivation Daring to be different - Identity and self esteem - Difference and diversity - Peer influence and assertiveness	Dear diary - Comfortable and uncomfortable feelings - Problems in relationships - Anti-bullying - Help and support Joining in and joining up - Needs and responsibilities - Participation - Local democracy - Voluntary groups - Fund raising activities
2	It's our world The wider community and local democracy Rights and responsibilities Environmental awareness and sustainability issues Say No! Feeling safe Anti bullying Risk taking behaviour Medicines	Money matters - Understanding finance and money - Shopping and budgeting - Risk and debt - Goal setting and motivation Who likes chocolate? - Fair trade - Globalisation inequalities - Hunger and poverty - Media and stereotyping	People around us - Global citizenship - Different identities around the world - Challenging prejudice - Support networks – relationships and families Growing up - Managing change - Preparing for transition
3	We're all stars! - Community - Rights and responsibilities - Getting to know each other - Working together Be friendly, be wise - Making and sustaining friendships - Conflict resolution - Anti-bullying - Keeping safe at home and outdoors	Live long, living strong - Health eating and exercise - Goal setting and motivation Daring to be different - Identity and self esteem - Difference and diversity - Peer influence and assertiveness	Dear diary - Comfortable and uncomfortable feelings - Problems in relationships - Anti-bullying - Help and support Joining in and joining up - Needs and responsibilities - Participation - Local democracy - Voluntary groups - Fund raising activities

4	It's our world	Money matters	People around us
4	- The wider community and local	 Understanding finance and money 	- Global citizenship
	democracy	- Shopping and budgeting	- Different identities around the
	- Rights and responsibilities	- Risk and debt	world
	- Environmental awareness and	- Goal setting and motivation	- Challenging prejudice
	sustainability issues	Who likes chocolate?	- Support networks – relationships
	Say No!	- Fair trade	and families
	- Feeling safe	- Globalisation inequalities	Growing up
	- Anti bullying	- Hunger and poverty	- Managing change
	- Risk taking behaviour	- Media and stereotyping	- Preparing for transition
	- Medicines	5	
-	We're all stars!	Live long, living strong	Dear diary
5	- Community	 Health eating and exercise 	- Comfortable and uncomfortable
	Rights and responsibilities	 Goal setting and motivation 	feelings
	- Getting to know each other		- Problems in relationships
	- Working together	Daring to be different	- Anti-bullying
		- Identity and self esteem	- Help and support
	Be friendly, be wise	- Difference and diversity	Joining in and joining up
	- Making and sustaining friendships	- Peer influence and assertiveness	- Needs and responsibilities
	- Conflict resolution - Anti-bullying		- Participation - Local democracy
	- Keeping safe at home and outdoors		- Voluntary groups
	- Reeping sale at nome and outdoors		- Fund raising activities
6	It's our world	Money matters	People around us
0	- The wider community and local democracy	- Understanding finance and money	- Global citizenship
	- Rights and responsibilities	- Shopping and budgeting	- Different identities around the world
	- Environmental awareness and	- Risk and debt	- Challenging prejudice
	sustainability issues	- Goal setting and motivation	- Support networks – relationships and
	Say No!	Who likes chocolate?	families
	- Feeling safe	- Fair trade	Growing up
	- Anti bullying	- Globalisation inequalities	- Managing change
	- Risk taking behaviour	- Hunger and poverty	- Preparing for transition
	- Medicines	- Media and stereotyping	
Whole school	Rewards and consequences – School Rules	Unicef day of change (6th February)	National Children's day
Whole School	Setting up the school council	Walk to school week	Disability awareness day
	One World Week	Recycling week	Jeans for Genes day
	National Anti-bullying week	Holocaust memorial day	Refugee week
	Road safety week	Martin Luther King day	World environment day
	Sustainable development day	Red Nose day	International week
	International children's day	Fairtrade fortnight	My money week
	Human Rights day	World Book day	