	Va	an Fi		Math	-				
	- Je		VE	marn					
									Notes
NUMBER AND PLACE VALUE									
I can count forwards in steps of powers of 10 for									
any given number up to 1,000,000.									
I can count backwards insteps of powers of 10 for									
any given number up to 1,000,000.									
I can read numbers to at least 1,000,000.									
I can write numbers to at least 1,000,000.									
I can order and compare numbers to at least									
1,000,000.									
I can determine the value of each digit in numbers									
up to 1,000,000.									
I can read Roman numerals to at least 1,000.									
i cun read Roman numerals to ar least 1,000.									
I can recognise years written in Roman numerals.									
2 can recognise years with ten in Roman hamer dis.									
I can round any number up to 1,000,000 to the									
nearest 10.									
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I can round any number up to 1,000,000 to the nearest 100.									
I can round any number up to 1,000,000 to the									
nearest 1000.									
I can round any number up to 1,000,000 to the									
nearest 10,000.									
I can round any number up to 1,000,000 to the									
nearest 100,000.									
I can interpret negative numbers in context.									
I can count forwards with positive and negative									
whole numbers including through zero.									
I can count backwards with positive and negative									
whole numbers including through zero.									
I can solve number problems and practical problems									
using the above.									
CALCULATION									
I can add numbers mentally with increasingly larger									
numbers.									
I can subtract numbers mentally with increasingly									
larger numbers.									
I can add whole numbers with more than 4 digits,									
including using formal written methods.									
I can subtract whole numbers with more than 4									
digits, including using formal written methods.									
I can use rounding to check calculations and									
determine, in the context of a problem, levels of									
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accuracy.						
I can solve addition multistep problems in contexts,						
deciding which operations and methods to use and						
why.						
I can solve subtraction multistep problems in						
contexts, deciding which operations and methods to						
use and why.						
I can identify multiples of numbers.						
I can find all factor pairs of a number.						
I can find all common factor pairs of two numbers.						
I use the vocabulary of prime numbers, prime						
factors and composite numbers.						
I can establish whether a number up to 100 is prime.						
I can recall all prime numbers up to 19.						
I recognise and use square and cube numbers, and						
the notation for squared and cubed.						
I can multiply numbers mentally drawing on known						
facts.						
I can divide numbers mentally drawing on known						
facts.						
I can multiply and divide whole numbers by 10						
I can maniply and aivide whole numbers by 10						

I can multiply and divide whole numbers by 100						
I can multiply and divide whole numbers by 1000						
I can multiply and divide decimal numbers by 10						
I can multiply and divide decimal numbers by 100						
I can multiply and divide decimal numbers by 1000						
I can multiply numbers up to 4 digits by a 1 digit number using a formal written method. (Short X)						
I can multiply numbers up to 4 digits by a 2 digit number using a formal written method. (Long X)						
I can divide numbers up to 4 digits by a 1 digit number using a formal written method (short ÷) interpreting remainders appropriately for the context.						
I can solve problems involving multiplication and division including using knowledge of factors and multiples, squares and cubes.						
I can solve problems involving addition and subtraction and a combination of these, including understanding the meaning of the equals sign.						
I can solve problems involving multiplication and division and a combination of these, including						

understanding the meaning of the equals sign.       I can solve problems involving multiplication and division including scaling by simple fractions and problems involving simple rates.       I can recognise mixed numbers and improper fractions and convert from one form to the other.         I can recognise mixed numbers and improper fractions and outrie mathematical statements > 1 as a mixed number.       I can recognise mixed numbers and improper fractions and convert from one form to the other.         I can write mathematical statements > 1 as a mixed number.       I can including scaling by simple fractions of a given fraction, represented visually including tenths and hundredths.         I can add and subtract fractions whose denominators are multiples of the same number.       I can add and subtract fractions whose denominators that are multiples of the same number.         I can add and subtract fractions with the same denominators shall be made numbers.       I can add and subtract fractions with the same denominators that are multiples of the same number.         I can add and write decimal numbers as fractions,       I can recognise and use thousandths and relate them to tenths, hundredths and decimal place.         I can read and write decimal places and to the nearest whole number and 1 decimal place.       I can read use thousandths and relate them to tenths, hundredths and cecimal place.         I can read, write, order and compare numbers with up to 3 decimal places.       I can read and write decimal places.							
division including scaling by simple fractions and problems involving simple rates.       Image: Construction of the second	understanding the meaning of the equals sign.						
problems involving simple rates       FRACTIONS/ DECIMALS/ PERCENTAGES         I can recognise mixed numbers and improper       fractions and convert from one form to the other.         I can vectors and convert from one form to the other.       improved fractions and convert from one form to the other.         I can write mathematical statements > 1 as a mixed       improved fractions         number.       improved fractions         I can identify, name and write equivalent fractions       improved fraction, represented visually including         tenths and hundredths.       improved fractions whose         denominators are multiples of the same number.       improved fractions with the same         I can add and subtract fractions with the same       improved fractions with the same         denominators and denominators that are multiples of       improved fractions with the same         I can multiply proper fractions and mixed numbers       improved fractions and mixed numbers         I can read and write decimal numbers as fractions.       improved fractions         I can recognise and use thousandths and relate them       improved fractions         to can recognise and use thousandths and relate them       improved fractions         I can round decimals with 2 decimal place.       improved fractions         I can read and write decimal numbers as to the nearest whole number and 1 decimal place.       improved fractions <t< td=""><td>I can solve problems involving multiplication and</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	I can solve problems involving multiplication and						
FRACTIONS/ DECIMALS/ PERCENTAGES       Image: Comparison of the comparison of th	division including scaling by simple fractions and						
I can recognise mixed numbers and improper         fractions and convert from one form to the other.         I can write mathematical statements > 1 as a mixed         number.         I can identify, name and write equivalent fractions         of a given fraction, represented visually including         tenths and hundredths.         I can add and subtract fractions whose         denominators are multiples of the same number.         I can add and subtract fractions whose         denominators and denominators that are multiples of         the same number.         I can write number.         I can add and subtract fractions and mixed numbers         by whole numbers, supported by materials and         diagrams.         I can recognise and use thousandths and relate them         to tenths, hundredths and decimal equivalents.         I can recognise and use thousandths and relate them         to tenths, hundredths and decimal equivalents.         I can read write 2 decimal places.         I can read, write, order and compare numbers with	<mark>problems involving simple rates.</mark>						
fractions and convert from one form to the other.       I         I can write mathematical statements > 1 as a mixed number.       I         I can identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths.       I         I can compare and order fractions whose denominators are multiples of the same number.       I         I can add and subtract fractions with the same denominators and enumber.       I         I can add and subtract fractions with the same denominators and mixed numbers.       I         I can add and subtract fractions and mixed numbers by whole numbers, supported by materials and diagrams.       I         I can recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.       I         I can round decimals with 2 decimal place.       I         I can read, write, order and compare numbers with       I	FRACTIONS/ DECIMALS/ PERCENTAGES						
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number.       I can identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths.       I can compare and order fractions whose denominators are multiples of the same number.         I can add and subtract fractions with the same denominators and denominators that are multiples of the same number.       I can multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.         I can recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.       I can recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.         I can read, write, order and compare numbers with       I can read, write, order and compare numbers with	fractions and convert from one form to the other.						
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of a given fraction, represented visually including   tenths and hundredths.     I can compare and order fractions whose   denominators are multiples of the same number.   I can add and subtract fractions with the same   denominator and denominators that are multiples of   the same number.   I can multiply proper fractions and mixed numbers   by whole numbers, supported by materials and   diagrams.   I can read and write decimal numbers as fractions.   I can recognise and use thousandths and relate them   to tenths, hundredths and decimal equivalents.   I can round decimals with 2 decimal places and to   the nearest whole number and 1 decimal place.	number.						
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denominators are multiples of the same number.	tenths and hundredths.						
I can add and subtract fractions with the same denominator and denominators that are multiples of the same number.       I       I       I         I can multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.       I       I       I         I can read and write decimal numbers as fractions.       I       I       I       I         I can recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.       I       I       I         I can round decimals with 2 decimal places and to the nearest whole number and 1 decimal place.       I       I       I	I can compare and order fractions whose						
denominator and denominators that are multiples of the same number.       Image: Constraint of the same number of the same number of the same number of the same number of the same numbers, supported by materials and diagrams.       Image: Constraint of the same number of the same numbers of the same number of the same number of the same numbers as fractions.         I can recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.       Image: Constraint of the nearest whole number and 1 decimal place.         I can read, write, order and compare numbers with       Image: Constraint of the same numbers with	denominators are multiples of the same number.						
the same number.       Image: Constraint of the same numbers of the same numbers of the same numbers, supported by materials and diagrams.       Image: Constraint of the same numbers of the same numbers of the same numbers of the same numbers of the nearest whole numbers and the same numbers.       Image: Constraint of the nearest whole number and 1 decimal place.         I can read, write, order and compare numbers with       Image: Constraint of the nearest whole numbers with       Image: Constraint of the nearest whole numbers and the same numbers with	I can add and subtract fractions with the same						
I can multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.       Image: Constraints of the support of the super	denominator and denominators that are multiples of						
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diagrams.       Image: Construction of the second sec	I can multiply proper fractions and mixed numbers						
I can read and write decimal numbers as fractions.       I	by whole numbers, supported by materials and						
I can recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.       I       <	diagrams.						
to tenths, hundredths and decimal equivalents.       I can round decimals with 2 decimal places and to         I can round decimals with 2 decimal places and to       I can read, write, order and 1 decimal place.         I can read, write, order and compare numbers with       I compare numbers with	I can read and write decimal numbers as fractions.						
to tenths, hundredths and decimal equivalents.       I can round decimals with 2 decimal places and to         I can round decimals with 2 decimal places and to       I can read, write, order and 1 decimal place.         I can read, write, order and compare numbers with       I compare numbers with							
I can round decimals with 2 decimal places and to the nearest whole number and 1 decimal place. I can read, write, order and compare numbers with	I can recognise and use thousandths and relate them						
the nearest whole number and 1 decimal place.       Image: Compare numbers with the second seco	to tenths, hundredths and decimal equivalents.						
I can read, write, order and compare numbers with	I can round decimals with 2 decimal places and to						
	the nearest whole number and 1 decimal place.						
up to 3 decimal places.	I can read, write, order and compare numbers with						
	<mark>up to 3 decimal places.</mark>						

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I can solve problems involving numbers up to 3							
decimal places.							
I recognise the % symbol and understand that							
percent relates to 'number of parts per hundred'.		 					
I can write percentages as a fraction with							
denominator hundred and as a decimal.							
I can solve problems which require knowing							
percentage and decimal equivalents of $\frac{1}{2}$ , $\frac{1}{4}$ , 1/5, 2/5,							
4/5 and those fractions with a denominator or a							
multiple of 10 or 25.							
MEASUREMENT							
I can solve problems involving converting between							
units of time.							
I can convert between different units of metric							
measure.							
I understand and use approximate equivalences							
between metric units and common imperial units,							
such as inches, pounds and pints.							
I can measure the perimeter of composite							
rectilinear shapes in cm and m.							
I can calculate the perimeter of composite							
rectilinear shapes in cm and m.							
I can calculate and compare the area of rectangles							
(incl squares) and including using standard units (cm2							
and cm3) to estimate the area of irregular shapes.							
I can estimate volume and capacity.							
, ,							

I can use all 4 operations to solve problems involving						
money using decimal notation, including scaling.						
GEOMETRY - PROPERTIES OF SHAPES						
I can use the properties of rectangles to deduce						
related facts and find missing lengths and angles.						
I can distinguish between regular and irregular						
polygons based on reasoning about equal sides and						
angles.						
I can identify 3D shapes including cubes and other						
cuboids, from 2D representations.						
I know angles are measured in degrees.						
I can estimate and compare acute, obtuse and reflex						
angles.						
I can identify angles at a point and one whole turn.						
I can identify angles at a point on a straight line and						
1/2 a turn.						
I can identify other multiples of 90 degrees.						
I can draw given angles and measure them in						
degrees.						
GEOMETRY - POSITION AND DIRECTION						

I can identify and describe the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.					
I can represent the position of a shape following a reflection or translation.					
STATISTICS					
I can complete tables, including timetables.					
I can read and interpret information in tables, including timetables.					
I can solve comparison, sum and difference problems using information presented in a line graph.					

**Y5 KEY PERFORMANCE INDICATORS**