



YEAR 1

Working at Exceeding

Number and Place Value	Autumn	Spring	Summer
I can show fluency and notice patterns in counting forwards and backwards across 100 and sometimes in larger steps			
I show understanding about number facts to solve more difficult problems			

Addition and Subtraction	Autumn	Spring	Summer
I can recall and use addition and subtraction facts to 20 fluently			
I can show fluency in mental addition & subtraction of one-digit & two-digit numbers to 20			
I can use addition and subtraction facts to solve more tricky problems			

Multiplication, Division and Fractions	Autumn	Spring	Summer
I can solve problems involving multiplication and division in different topics including measures			
I can explain and solve more difficult problems involving half & quarter of shapes and amounts			

Measurement	Autumn	Spring	Summer
I can solve more tricky problems involving, money and other measures, including time			
I can show understanding about more difficult practical problems involving money and other measures			

Geometry	Autumn	Spring	Summer
I can compare and sort common 2-D & 3-D shapes & common objects			
I can show understanding & solve more difficult problems involving shapes and their properties			
I can solve more complex problems involving whole, half and three-quarter turns			

Working at Greater Depth

Reasoning	Conjecturing	Generalising	Working systematically	Trial and Improvement
Asking and responding to probing questions	Working backwards	Reflecting	Flexibility	Fluency and Independence



YEAR 2

Working at Exceeding

Number and Place Value	Autumn	Spring	Summer
I can work out mental calculations when regrouping is required (e.g. $52 - 27$)			
I can solve more complex missing number problems (e.g. $14 + ? - 3 = 17$)			
I can solve word problems that involve more than one step			

Addition and Subtraction	Autumn	Spring	Summer
I can reason about addition (e.g. I can reason that the sum of 3 odd numbers will always be odd)			
I can recognise the relationships between addition & subtraction and can rewrite addition statements as simplified multiplication statements			
I can find and compare fractions of amounts			

Multiplication, Division and Fractions	Autumn	Spring	Summer
I can use multiplication facts to make deductions outside known multiplication facts (e.g. 18×5 cannot be 92)			
I can determine remainders given known facts (e.g. $15 \div 3 = 5$ with no remainder so $16 \div 3$ will have a remainder of 1)			

Measurement	Autumn	Spring	Summer
I can read the time on the clock to the nearest 5 minutes			
I can read scales in divisions of ones, twos, fives and tens in a practical situation where not all numbers on the scale are given			

Geometry	Autumn	Spring	Summer
I can describe similarities and differences of shape properties.			

Working at Greater Depth

Reasoning	Conjecturing	Generalising	Working systematically	Trial and Improvement
Asking and responding to probing questions	Working backwards	Reflecting	Flexibility	Fluency and Independence



YEAR 3

Working at Exceeding

Number and Place Value	Autumn	Spring	Summer
I can demonstrate fluency and reasoning in counting in multiples of 4, 8, 50 and 100 to 1000			
I can demonstrate fluency and reasoning in comparing and ordering numbers up			
I can demonstrate reasoning about number facts to solve more complex problems			

Calculations	Autumn	Spring	Summer
I can demonstrate fluency in mental addition & subtraction of 1- & 2-digit numbers to 20			
I can use addition and subtraction facts to solve more complex problems			
I can recall and use multiplication and division facts for multiplications tables from 2 to 10			
I can solve problems involving multiplication and division in a range of contexts including measures			

Fractions and Decimals	Autumn	Spring	Summer
I can reason about and solve more complex problems involving unit fractions, tenths and equivalent fractions with small denominators			

Measurement and Statistics	Autumn	Spring	Summer
I can solve more complex problems involving, money and other measures, including duration of time.			
I can reason about more complex practical problems involving money and other measures.			
I can interpret and construct with accuracy pictograms and more complex tables using scales e.g. 2,5 units per cm			
I can ask and answer questions presented in many contexts about data presented in different forms			

Geometry	Autumn	Spring	Summer
I can reason about & solve more complex problems involving shapes including right angles & turns			
I can solve more complex problems involving horizontal, vertical, perpendicular and parallel lines, including rounding decimals with accuracy to draw and measure straight lines			

Working at Greater Depth

Reasoning	Justifying	Conjecturing	Generalising	Drawing conclusions	Working systematically	Visualising
Asking and responding to probing questions	Working backwards	Reflecting	Efficiency	Flexibility	Trial and Improvement	Fluency and Independence



YEAR 4

Working at Exceeding

Number and Place Value	Autumn	Spring	Summer
I can demonstrate fluency and reasoning in counting in multiples of 6,7,9,25 and 1000 and in comparing and ordering numbers beyond 1000			
I can demonstrate reasoning about number facts to solve more complex problems.			

Calculations	Autumn	Spring	Summer
I can demonstrate fluency in mental addition & subtraction of one-digit & two-digit numbers to 20			
I can use addition and subtraction facts to solve more complex problems			
I can recall and use fluently multiplication and division facts for multiplication facts up to 12x12			
I can solve problems involving multiplication and division in a range of contexts including measures.			

Fractions and Decimals	Autumn	Spring	Summer
I can reason about and solve more complex problems involving decimal equivalents of numbers (tenths and hundredths) and families of equivalent fractions			

Measurement and Statistics	Autumn	Spring	Summer
I can solve more complex problems involving, money and other measures, including duration of time using 12 and 24 hour clock.			
I can ask and answer questions using data presented in a range of graphs and demonstrate an understanding of graphical representation of data to record change over time.			

Geometry	Autumn	Spring	Summer
I can reason about & solve more complex problems involving shapes including different triangles, acute and obtuse angles			
I can solve problems involving reasoning about shapes and their positions on a 2-D grid using co-ordinates in the first quadrant			

Working at Greater Depth

Reasoning	Justifying	Conjecturing	Generalising	Drawing conclusions	Working systematically	Visualising
Asking and responding to probing questions	Working backwards	Reflecting	Efficiency	Flexibility	Trial and Improvement	Fluency and Independence



YEAR 5

Working at Exceeding

Number and Place Value	Autumn	Spring	Summer
I can demonstrate fluency and reasoning in counting in steps of powers of 10 for any given number up to 1 000 000			
I can demonstrate reasoning about number facts to solve more complex problems			

Calculations	Autumn	Spring	Summer
I can demonstrate fluency and flexibility in solving multi-step problems involving addition & subtraction of larger numbers			
I can demonstrate fluency in mental addition and subtraction of large numbers			
I can demonstrate fluency in multiplying & dividing whole numbers & those involving decimals by 10, 100 & 1000			
I can reason about and solve more complex problems involving, for example, square numbers & cube numbers			

Fractions and Decimals	Autumn	Spring	Summer
I can reason about and solve more complex problems involving equivalent fractions, decimal numbers and percentages			

Measurement and Statistics	Autumn	Spring	Summer
I can demonstrate fluency in converting between different units of measure to solve problems, using all four operations			
I can reason about more complex problems involving calculation of area and volume			
I can interpret & construct with accuracy table, timetables and line graphs			
I can decide which representations of data are most appropriate and why			

Geometry	Autumn	Spring	Summer
I can reason about and make deductions when solving more complex problems involving angles			
I can solve more complex problems involving reflection and translation of shapes			

Working at Greater Depth

Reasoning	Justifying	Conjecturing	Generalising	Drawing conclusions	Working systematically	Visualising
Asking and responding to probing questions	Working backwards	Reflecting	Efficiency	Flexibility	Trial and Improvement	Fluency and Independence



YEAR 6

Working at Exceeding

Number and Place Value	Autumn	Spring	Summer
I can explain and solve problems that require me to read, write, order and compare numbers up to 10 000 000 and determine the value of each digit			
I can say whether I agree or disagree with a statement by rounding any whole number to a required degree of accuracy			
I can solve problems that involve calculations with negative numbers			

Calculations	Autumn	Spring	Summer
I can say whether an answer to an addition and/or subtraction problem is correct and whether the method is effective, including with fractions and decimals			
I can use estimation to compare answers & explain my reasoning			
I can confidently use long multiplication and division to solve a range of problems including those with decimals			
I can use my knowledge of the order of operations to carry out calculations involving the four operations			

Fractions and Decimals	Autumn	Spring	Summer
I can order and compare a set of mixed decimals, fractions, percentages and ratios, and explain my decisions			
I can solve problems and calculations that involve mixed fractions, decimals, percentages and ratios, and explain my reasoning			
I can answer true or false statements involving fractions, decimals, percentages and/or ratios			
I can order mixed, fractions, decimals and percentages on a number line and justify my choices			

Measurement and Statistics	Autumn	Spring	Summer
I can generate sequences from rules, write my own rules and explain why common patterns occur			
I can answer a range of questions starting 'What happens if...?' using a range of measures			
I can calculate the area and perimeter of a range of shapes, including compound shapes made of different shapes			

Geometry	Autumn	Spring	Summer
I can explain what is the same or different using a deeper understanding of geometry			
I can use estimation to explain my reasoning with angles			

Working at Greater Depth

Reasoning	Justifying	Conjecturing	Generalising	Drawing conclusions	Working systematically	Visualising
Asking and responding to probing questions	Working backwards	Reflecting	Efficiency	Flexibility	Trial and Improvement	Fluency and Independence

Woodcote Primary School

Name: _____

