Year 6 - Yearly Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number- Place Value		Number- Addition, Subtraction, Multiplication and Division				Fractions				Geometry- Position and Direction	Consolidation
Spring	Number- Decimals		Number- Percentages		Number- Algebra		Measurement Converting units	Measurement Perimeter, Area and Volume		Number- Ratio		Consolidation
Summer	Geometry- Properties of Shapes		Prol	olem solv	ing	Statistics		Investigatio		gations		Consolidation



Year 6 - Autumn Term

Week 1 Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Number: Place Value Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit. Round any whole number to a required degree of accuracy. Use negative numbers in context, and calculate intervals across zero. Solve number and practical problems that involve all of the above.	Number- addition Solve addition and deciding which op Multiply multi-dig the formal writter Divide numbers u formal written me whole number refor the context. Divide numbers u written method o to the context. Perform mental calarge numbers. Identify common use their knowled calculations involved to the context of a performant to the context of	d subtraction muserations and medit number up to a method of long p to 4 digits by a sethod of long divinainders, fraction p to 4 digits by a f short division, inclusions alculations, inclusions factors, common lige of the order oving the four open volving addition, check answers to	Iti step problems thods to use and 4 digits by a 2-digit multiplication. 2-digit whole nutision, and interpreting remains, or by rounding with mixed in multiples and prof operations to crations.	s in contexts, I why. git number using mber using the ret remainders as ng as appropriate using the formal ainders according operations and rime numbers. carry out Itiplication and d determine in	multiples to exp Compare and of Generate and of fractions) Add and subtra mixed numbers Multiply simple in its simplest for Divide proper for $=\frac{1}{6}$] Associate a fraction equival fraction [for exa	ectors to simplify press fractions in rder fractions, in lescribe linear nu ct fractions with s, using the conce pairs of proper orm [for example ractions by whole tion with division lents [for example ample $\frac{3}{8}$] equivalences bet ercentages, inclu	the same denoted the same denoted are the same denoted are the sequence of th	omination. as > 1 es (with minations and of fractions. ag the answer example $\frac{1}{3} \div 2$ decimal simple	Geometry-Position and Direction Describe positions on the full coordinate grid (all four quadrants). Draw and translate simple shapes on the coordinate plane, and reflect them in the axes.	Consolidation



Year 6 - Spring Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Number: Decimals Identify the value of each digit in numbers given to 3 decimal places and multiply numbers by 10, 100 and 1,000 giving answers up to 3 decimal places. Multiply one-digit numbers with up to 2 decimal places by whole numbers. Use written division methods in cases where the answer has up to 2 decimal places. Solve problems which require answers to be rounded to specified degrees of accuracy.		Number: Perce Solve problems calculation of p [for example, cand such as 15 the use of perce comparison. Recall and use between simpled decimals and p including in difficontexts.	s involving the percentages of measures % of 360] and centages for equivalences e fractions, percentages	Number: Algebrase Use simple for Generate and number seque Express missin problems algebrands of nesatisfy an equal unknowns. Enumerate post combinations of variables.	mulae describe linear nces. g number braically. umbers that ation with two	Measurement Converting Units Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate. Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to 3dp. Convert between miles and kilometres.	Area and Vol Recognise the the same are different perivice versa. Recognise whe possible to use area and volu Calculate the parallelogran triangles. Calculate, est compare volu and cuboids in the same and cuboids in the same area.	at shapes with as can have imeters and the it is see formulae for the imeters and the image of shapes. The image of cubes are and are of cubes are	Number: Rational Solve problem the relative six quantities who values can be using integer and division for the Solve problem similar shapes scale factor is can be found. Solve problem unequal sharing grouping using of fractions are	ns involving zes of two ere missing found by multiplication acts. ns involving s where the known or ns involving ng and g knowledge	Consolidation



Year 6 - Summer Term

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Geometry: Pr Shapes Draw 2-D sha given dimens angles. Compare and geometric sh their propert and find unkr in any triangl quadrilaterals polygons. Recognise an they meet at on a straight vertically opp find missing a	l classify apes based on ies and sizes nown angles es, s and regular gles where a point, are line, or are posite, and	Problem Solvi	ing		Statistics Illustrate and r circles, including diameter and of and know that is twice the rad charts and line use these to so Calculate the r average.	ng radius, circumference the diameter dius. construct pie graphs and olve problems.	Investigations				Consolidation



