Year 5-Term 3	
Number and Place Value	Count up or down in multiples of 25 from a given value. Be able to solve a range of problems (numeric and practical) for the concepts in emerging and developing. Solve a range of numeric and word problems that combine addition, subtraction, multiplication and division in different order .
Addition and Subtraction	Solve multi-step addition and subtraction problems in context (numeric, word, practical). Know when to carry out addition/ subtraction within multi step problems across any two operations. Use rounding in multi-step contextual problems to check levels of accuracy.
Multiplication and division	Solve multiplication of four digit numbers by two digit numbers using the formal written method . Understand the concept of squared and cubed numbers, using notation for such and be able to solve numeric problems involving them. Solve a range of multiplication problems (numeric and word) that involve concepts using factors, squared and cubed – use the multiplication and division facts to support understanding .
Fractions	Create values greater than one by adding a range of fractions. Multiply fractions, mixed numbers and improper fractions by a whole number . Use diagrams to support understanding in multiplying proper fractions, mixed numbers and improper fractions . Solve problems which require knowing percentage and decimal equivalents of ½, ¼ , 1/5, 2/5, 4/5 and those fractions with a denominator of a multiple of 10 or 25.
Measurement	Solve simple multiplication and division problems that involve scaling and changing rates. Understand, convert and compare metric and imperial units. Estimate volume and capacity using standard units. Find/ estimate the area of an irregular shape (on squared paper) in cm^2 or m^2 using squares/ fractions of squares.
Geometry - shapes	Use knowledge of rectangles to identify missing lengths and angle sizes . Use knowledge of sides and angles to identify irregular and regular shapes.
Geometry: Position & direction	Measure angles to the nearest degree . Draw a given angle to the exact degree . Identify angles that are multiples of 90 degrees. Identify, represent and describe a translation or reflection of a shape .
Statistics	Have deeper understanding of information taken from tables and apply it to timetables.