Yr 5 Autumn Term

Place value	Addition and Subtraction	Multiplication and Division		Properties of Number
1. Numbers to 10,000 2. Numbers to 100,000 3. Numbers to 1,000,000 4. Compare and orders numbers to 100,000 5. Compare and order numbers to 1,000,000 6. Rounding to 10, 10 and 1,000 7. Round numbers within 100,000 8. Round numbers to 1,000,000 9. Negative numbers 10. Counting in 10, 100, 1000, 10,000, 100,000. 11. Roman numerals	1. Add two 4 digit numbers – more than one exchange 2. Add whole numbers with more than four digits 3. Subtract to 4 digit numbers – more than one exchange 4. Subtract whole numbers with more than four digits 5. Inverse operations (Addition and subtraction) 6. Multi step addition and subtraction problems	1. Multiply three digits by one digit (ladder method) 2. Multiply two digits by one digit (efficient method) 3. Multiply digits three by one digit (efficient method) 4. Multiply digits four by one digit (efficient method) 5. Multiply two digits by two digits (ladders method) 6. Multiply two digits by two digits (efficient methods) 7. Multiply two digits by two digits (efficient methods)	1. Divide two digits by one digit (mental method) 2. Divide two digits by one digit (bus shelter) 3. Divide three digits by one digit (bus shelter) 4. Divide four digits by one digit with remainders 5. Remainders (round up and down) 6. Multiplied by 10, 100 and 1000 7. Divide by 10, 100 and 1000	1. Multiples 2. Factors 3. Prime numbers 4. Square numbers 5. Cube numbers

Yr 5 Spring Term

Fractions	Fraction, Decimals & Percentages		Measurement	Angles and Position	Statistics
1. Equivalent fractions 2. Equivalent fractions 3. Improper fractions to mixed numbers 4. Mixed numbers to improper fractions 5. Number sequences 6. Compare 2 fractions less than 1 (Denominator)Compare more than 2 fractions less than 1 (Denominator) 7. Order fractions less than one 8. Compare and order fractions greater than one 9. Add and subtract fractions 10. Add fractions within one 11. Add three or more fractions 12. Add mixed numbers 13. Subtract fractions 14. Subtraction – breaking the whole 15. Multiply unit fractions by an integer 16. Multiply non-unit fractions by an integer 17. Multiply mixed numbers by integers 18. Fractions of an amount 19. Use fractions as operators 20. Fraction problem-solving	1. Decimals up to 2 decimal places 2. Decimals as fractions (1) 3. Decimals as fractions (2) 4. Understand thousandths 5. Thousands as decimals 6. Rounding decimals 7. Order and compare decimals 8. Understand percentages 9. Fractions to percentages (Y6) 10. Percentages as fractions and decimals 11. Equivalent FDP 12. Order FDP (Year 6) 13. Percentages with shopping (activity) 14. Percentages of numbers (Practice)	**Calculation with Decimals** 1. Adding decimals mentally 2. Subtraction of decimals (Counting on) 3. Subtraction of decimals (Counting back) 4. Addition of decimals (Written method) 5. Subtraction of decimals (Written method) 6. Multiply decimals by 10, 100, 1000 7. Divide decimals by 10, 100, 1000 8. Decimal sequences 9. Consolidation of FDP	1. Units of mass 2. Units of capacity 3. Units of length 4. Calculation with units 5. Imperial Measures **Area and Perimeter** 1. Perimeter of rectangular shapes Ⓡ 2. Calculate Perimeter Ⓡ 3. Area of rectangles Ⓡ 4. Area of compound shapes 5. Area of irregular and compound shapes Ⓡ 6. Area of a triangle 2 7. Area of a triangle & parallelogram 8. Calculate volume	1. Measuring and drawing Angles Sheet 2. Identify angles 3. Calculate angles on a straight line 4. Calculate angles around a point 5. Triangles 6. Quadrilaterals 7. Regular and irregular polygons 8. Draw lines and angles accurately 9. Describe position 10. Position in the first quadrant 11. Translation 12. Translation with coordinates 13. Lines of symmetry 14. Complete asymmetric figure 15. Reflection 16. Reflection with coordinates	1. Introduction to line graphs 2. Read and interpret line graphs 3. Draw line graphs 4. Use line graphs to solve problems 5. Interpret charts 6. Comparison, sum and difference 7. Read and interpret tables 8. Two way tables 9. Timetables

Yr 5 Summer Term

Revision	Ratio and Proportion	Algebra	Negative Numbers	Calculation Revision
1. Place value/ Roman numerals/ Rounding 2. Sequences/ Properties of number 3. Negative numbers/ Inverse 4. Equivalent fractions, Ordering fractions, Equivalent decimals & percentages 5. Perimeter and area & volume 6. Ratio 7. Money (Year 5)/ Algebra (Year 6) 8. 2-D and 3-D shapes 9. Angles 10. Position and movement including coordinates 11. Data handling 12. Time	1. Scale Up and down 2. Proportion 3. Using ratio language 4. Ratio and fractions 5. The ratio symbol 6. Calculating ratio 7. Using scale factors 8. Calculating scale factors 9. Ratio and proportion problems 10. Ratio and proportion problems (2)	1. Find a rule – One step 2. Find a rule – Two-step 3. Forming expressions 4. Substitution 5. Formulae 6. Forming equations 7. Solve one-step equations 8. Solve two-step equations 9. Find pairs of values (1) 10. Find pairs of values (2)	1. Understand negative numbers 2. Count through 0 in 1s 3. Count through 0 in multiples 4. Compare and order negative numbers 5. Find the difference	1. Multiply two digits by two digits (efficient methods) 2. Multiply two digits by two digits (efficient methods) 3. Divide three digits by one digit (bus shelter) 4. Divide four digits by one digit with remainders 5. Long Division 1 6. Long Division 2 7. Long Division 3 8. Multiplying Fractions 1 9. Multiplying Fractions 2 10. Fractions of numbers 11. Percentages of numbers