

YEAR 4 – MATHEMATICS

Topics of Study by Term

AUTUMN	SPRING	SUMMER
<ul style="list-style-type: none"> • Place value- Adding and subtracting multiples of ten, hundred and thousand to a number. • Roman Numerals to 100. • Rounding numbers to the nearest T, H and TH. • Columnar addition up to 4 digits using carrying, importance of knowing number bonds. • Subtraction-Crossing tens/counting on method and columnar decomposition method working up to TH H T U. • 2D and 3D Shapes- names and properties of shapes. Identify lines of symmetry in 2D shapes. Identify angles-right, acute and obtuse. • Multiplication-doubling, halving, factors, products. Using the Grid Method for Multiplication. Multiply TU and HTU by one digit using formal written layout. • Division-with and without remainders. • Measuring length – conversion of units km, m, cm, mm, estimation and practical measuring and recording of objects. • Weekly `Maths to Learn` Book sent home for reinforcement of class mental 	<ul style="list-style-type: none"> • Using multiplication and division facts to solve word problems • Money-notation, counting coins, calculating total cost and change. • Money and real –life problems using multiplication and division. • Measuring capacity- conversion of units L=ml, estimation & practical measuring tasks. • Measuring Weight- conversion of units Kg =g, estimation and practical weighing tasks. • One and two step problems involving measurement and money, using all four operations and decimals to two decimal places. • Calculate Area and Perimeter of rectilinear figures in cm and m. • Weekly continued practise of multiplication tables and division facts and mental work. 	<ul style="list-style-type: none"> • Revise polygon names. Compare and classify/name types of triangles and quadrilaterals based on their properties. • Time-Read, write and convert time between analogue and digital 12 and 24 hour clocks, am/pm, convert units of time, calculating intervals of time, use timetables. • Fractions-notation, common equivalent fractions, add and subtract fractions with same dominator, fractions of quantities. • Revision of 4 Rules of computation, money, and measurement prior to Maths Exam. • Data Handling- Interpreting and creating and frequency/tally charts and pictographs, bar graphs, Venn diagrams and Carroll diagrams. • Decimals-tenths and hundredths. • 4 a Day Worksheets used weekly to consolidate topics taught. • Continued practise of multiplication tables -One Minute Test used each week.

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work .Weekly mental tests.		