

YEAR 3 – Maths

Topics of Study by Term

AUTUMN	SPRING	SUMMER
<ul style="list-style-type: none"> • Place value-Read and write numbers up to 1000 in words and numerals. Recognise place value of each digit in a three digit number. • Odd and Even numbers • Number Bonds- recognise number bonds to 10, 20 and 100. • Addition and subtraction- Add and subtract numbers mentally including three digit numbers. Use the formal written methods of columnar, partitioning and counting on to add and subtract up to three digit numbers. • Multiplication and division- Doubling and halving, recall multiplication and division facts. Write and calculate mathematical statements for two digit numbers times' one digit numbers. Grid method of multiplication. • Money-notation, counting coins, calculating total cost and change. • Money and real –life problems using multiplication and division. • Problem solving and practical problems- One step word problems investigating patterns in numbers and using all 4 	<ul style="list-style-type: none"> • Measuring capacity- conversion of units L-ml, estimation & practical measuring tasks. • Length- conversion of units cm-m, estimation and practical measuring tasks. • Measuring mass- conversion of units Kg - g, estimation and practical weighing tasks. • Perimeter and area- Calculate Area and Perimeter of shapes figures in cm and m. • Time- tell and write the time from analogue including using Roman Numerals and 12 and 24 hour clock. Know time facts including -number of seconds in a minute, number of days in a month, year and leap year. • Data Handling- Interpret data using bar charts, pictograms and tallies, undertake completion of practical activities. • Practical investigations exploring different forms of measure using specific tools. • Continued practise of times tables and weekly mental work. • Problem solving and practical problems- One step word problems investigating patterns in numbers and using all 4 number operations. 	<ul style="list-style-type: none"> • Revision of: <ul style="list-style-type: none"> - Addition ○ Subtraction ○ Multiplication ○ Division ○ Money • 2D and 3D shape- draw 2D and 3D shapes using modelling materials, recognise 3D shapes in different orientations and describe them. Recognise angles-right angles, half turns, quarter turns. • Fractions-Recognise and show using diagrams, equivalent fractions with small denominators. • Practical investigations using money and exploring patterns in numbers. • Continued practise of times tables and mental work. • Problem solving and practical problems- One step word problems investigating patterns in numbers and using all 4 number operations.

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number operations. <ul style="list-style-type: none">• Continued practise of times tables and mental work.• Weekly mental tests covering all the topics.		