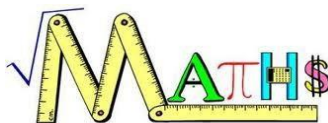




Warbstow Primary Academy, Maths Curriculum.

Each year group covers the following

Maths Subjects, in line with the National Curriculum, building on previous learning experiences. The Maths Mastery approach has been adopted and pupils are expected to fully understand their year group programmes of study.



Year one *Number and place value* Count to 100,



read & write numbers to 20, use a number-line. Addition and subtraction identify 1 more 1 less then, interpret maths symbols, number bonds to 20

Multiplication and division count in twos fives & tens Number—Fraction recognise halves, quarters of shape & quantity Measurement compare mass capacity lengths, sequence, time including days of the week Geometry recognise common 2D & 3D shapes, positional language Mastery single step problems (pictorial)

Year two *Number and place value* count in steps of



2,3,5 & 10, compare/order numbers Addition and subtraction Increase knowledge both mental and concrete up to 3 digit addition & 2 digit subtract

Multiplication and division recall facts from 2,5,& 10 X tables, arrays for division Number—Fraction recognise and name fractions of an object and a number Measurement compare mass capacity lengths, time & money using standard units Geometry recognise, identify and compare 2D & 3D shapes, develop positional language Mastery apply their maths knowledge to problem solving

Year three *Number and place value* count in steps of 4,8,50,100 & 10 or



100 less or more than, compare & order numbers Addition and subtraction Add & subtract 3 digit numbers, place value facts, identify missing numbers Multiplication and division recall facts from 3,4,8 X tables, arrays for division Number—Fraction

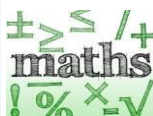
Identify and find fractions of an object & a number (small denominators) Measurement compare & add mass capacity lengths & money using standard units, time 12 & 24 hours, roman numerals Geometry identify & draw 2D & 3D shapes, use lines of symmetry, right angles Mastery apply maths knowledge to problem solving

Year four *Number and place value* compare & order numbers to 1000, count in multiples of



6,7,9,25 & 1000 Addition and subtraction Add & subtract 3 digit numbers, identify the correct operation using a formal method Multiplication and division recall facts up to 12×12 , use formal methods for $\times$ & $\div$ Number—Fraction Solve fractions and decimals (2 places) Measurement estimate, compare and add mass capacity lengths, km to m & money in pounds & pence, write and convert time 12 to 24 hours Geometry compare geometric shapes including quadrilaterals, compare lines of symmetry Mastery multi step prob-

Year five *Number and place value* count write and compare numbers to 1000000 (determine the value of each digit Addition and subtraction Add & subtract increasingly large numbers, solve problems in context Multiplication and division knowledge of factors and multiples, squares and cube problems Measurement use all 4 operations to solve problems involving measure, decimals & scaling, units of time Geometry compare irregular & regular polygons, angles, identify 2D & 3D shapes and other cuboids Mastery complex multi step problem solving using all four operations.



Year six *Number and place value* count write and compare numbers to 10000000 (determine the value of each digit Addition, subtraction, Multiplication and division Identify and use the correct operation for increasingly larger numbers & mixed operations, knowledge of factors and multiples, squares and cube problems Measurement solve problems involving conversion of units of measure, using decimal notations to 3 decimal places Geometry Identify 3D and 2D shapes, making nets Mastery complex multi step problem solving using all four operations.

