St Joan of Arc Catholic Primary School

Maths Curriculum

YEAR 3

AT A GLANCE	EXAMPLE
Use and apply mathematics	• solve number problems and practical problems • word problems using all 4 number operations (Addition, Subtraction, Division, Multiplication) • interpret and present data using bar charts, pictograms and tables
Counting & Number Relationships	• compare and order numbers up to 1000 • read and write numbers up to 1000 in numbers and words • recognise place value in 3 digit numbers (Hundreds, tens, ones) • read and write proper fractions
Number facts	• derive and recall multiplication facts for the 2,3,4,5,6,8 and 10 times-tables and corresponding division facts • estimate the answer to calculations and use inverse operations to check answers
Calculations	• add or subtract mentally combinations of 1 digit and 2 digit numbers and add units, tens or hundreds to 3 digit numbers mentally • Multiply one- and two-digit numbers by 10 or 100, and describe the effect • write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods" • write and calculate mathematical statements for multiplication and division using the multiplication tables that they know • find unit fractions of numbers and quantities, e.g. 1/2, 1/3, 1/4 and 1/6 of 12 litres
Position and Transformation	• draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different • orientations and describe them • identify horizontal and vertical lines and pairs of perpendicular and parallel lines"
Measure	• Students measure, compare, add & subtract using common metric measures • Read, to the nearest division and half-division, scales that are numbered or partially numbered; use the information to measure and draw to a suitable degree of accuracy • Y3 must tell time to nearest minute and use specific vocab, inc. seconds, a.m., p.m., etc. Students must also use Roman numerals and 24-hour clock. • know the number of seconds in a minute and number of days in each month, year and leap year"
Data Handling	• solve one-step and two-step problems using • information presented in scaled bar charts and pictograms and • tables