

St Anne's Catholic Primary School
Numeracy Overview
2015 – 2016

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Key Stage One						
Year 1	Counting objects Recognising dice and domino arrays Number bonds up to 10 Doubling Recognising and sorting 2d shape Reading and writing numbers to 20	Teen numbers Number bonds Position and direction Estimating measures Addition by counting on Subtraction by counting back Comparing and ordering numbers	More or less than Number bonds Pairs that make totals Addition strategies 3d Shape Counting on and back in 10s or 5s	Odd and even numbers Half and quarter Doubles to 10 Time Counting on and back mentally Locating numbers on a 100 square	1 and 10 more or less Number facts Identifying number bonds and doubles Measures Tables and block graphs Halves and quarters of shapes Money	Locating numbers on a 100 square Odd and even numbers Telling the time Pictograms Repeating patterns Addition and subtraction of money Ordering numbers Exploring patterns
Year 2	Properties of numbers Number bond up to 10, 20 and 100 Doubling 2d shape Venn and Carroll diagrams Comparing and Ordering numbers	Ordinal numbers Addition and Subtraction strategies Position and direction Measures Adding near doubles Adding and subtracting 2-digit numbers Money	Properties of numbers Number bonds and bridging Subtracting using number lines 2d and 3d shape Ordering using < and >	Doubling and halving Fractions of shapes Solving multiplication problems Telling the time Tally charts and pictograms Block graphs Times tables Money	Ordering and comparing numbers Using doubles and number bonds when adding and subtracting Adding and subtracting 2-digit numbers Measures Drawing block graphs Doubling numbers Fractions of numbers	Inverse operations Money Times tables Measuring and estimating Telling the time Partitioning to add 2-digit numbers Numbers between 100 and 200 Number bonds
Lower Key Stage Two						
Year 3	Number bonds Properties of number Multiplying and dividing by 3,4,5 and 10 Time 3d shape Rounding using number lines Subtracting by counting up Doubling and halving	Doubling and halving using partitioning Fractions of shapes and amounts Money Adding and subtracting by Partitioning Measures Subtracting by counting up Times tables Division with remainders Number puzzles	Multiplying and dividing by ten Partitioning Multiplying and dividing by four and eight 2d shape Fractions Solving money problems Mental and written addition	Telling the time Ordering numbers Subtracting bigger numbers by counting up Doubling and halving The grid method Solving Problems Number puzzles	Adding and subtracting using number facts Ordering Fractions Times tables Scaling Multiplying and dividing bigger numbers Pictograms and bar charts Measures Column addition	Column addition Solving addition and subtraction problems Properties of polygons Telling the time The grid method Division by chunking Equivalent fractions Money Practising calculations Number puzzles

Year 4	Properties of numbers Adding and subtracting bigger numbers Times tables Written multiplication Fractions Time Measures Formal Addition Doubling and Halving	Equivalent Fractions Decimals Formal addition Measures Bar graphs Rounding 4-digit numbers Formal subtraction Grid method Dividing 2-digit numbers Number puzzles	Properties of number Addition and Subtraction using 3-digit numbers Mental multiplication and division Fractions Properties of 2d shape Division with remainders Subtraction using money	Properties of decimals Formal addition and subtraction methods using money 24hr clock Perimeter Formal multiplication and division Word problems Number puzzles	Negative numbers Rounding decimals Times tables Mental and written multiplication and division Area and perimeter Properties of 2d and 3d shape Equivalent fractions and decimals Adding and subtracting bigger numbers Problem solving	Scaling Money Coordinates Bar charts, pictograms and line graphs Multiplication and division Fractions of amounts Solving problems Grid Investigations
Upper Key Stage Two						
Year 5	Properties of numbers Adding and subtracting mentally Solving word problems 12 and 24 hr clock Length and perimeter Subtraction using written methods	Multiplication and division Angles Properties of number inc. rounding Fractions and decimals Addition and subtraction using formal written methods Number puzzles	Properties of number Solving problems mentally Division Prime numbers, factors and squares Measures Adding and subtracting decimals	Multiplying and dividing using written methods Fractions of numbers 2d shape Standard and Imperial measures Fractions Solving problems Code puzzles	Money Multiplying Fractions Formal Multiplication methods Decimals Negative numbers 2d and 3d shape Formal addition and subtraction	Fractions Formal Division and multiplication Area and Perimeter Volume and Capacity Percentages Interpreting line graphs and timetables Scaling Roman numerals Problem solving
Year 6	Properties of numbers Converting fractions and decimals Addition inc. decimals Missing number problems inc use of brackets Finding missing angles and lengths Measures 24hr time Column addition and Subtraction Money Long and short multiplication	Negative numbers Fractions and mixed numbers Area and perimeter Nets and volume Division using whole numbers Percentages Problem solving	Subtracting large numbers Equivalent fractions and decimals 2d shapes and angles Formal addition and subtraction Formal multiplication Factors and multiples Prime numbers Long division	Mean and Mode Reading line graphs and pie charts Coordinates and translating shape Multiplying decimals Formal division Functions and number sequences Ratio and proportion Problem solving	Properties of numbers Fractions and percentages Algebra Dividing 4-digit by 2-digit Division with decimal remainders Coordinates Using the four operations with fractions Ratio Solving problems involving scales and measures	Properties of 2d shape Measuring and calculating angles Area, perimeter and volume Intervals of time Investigations using money Investigations of multiplication Binary numbers Number puzzles Using a rule to complete sequences