



Mathematics Curriculum Map 2021-22

Princess May Mathematics Overview

	Discover		Explore		Create	
Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	Early Mathematical experiences Pattern and Early number	Numbers within 6 Addition and Subtraction within 6 Measures Shape and Sorting Calendar and Time	Addition and Subtraction within 10 Numbers within 15	Grouping and Sharing Numbers within 20 Doubling and Halving	Shape and Pattern Addition and Subtraction within 20 Money	Measures Depth of numbers within 20 Numbers beyond 20
Year 1	Counting numbers to 10 Addition and Subtraction within 10	Shape and Patterns Numbers to 20 Addition and Subtraction within 20	Time Exploring calculation strategies within 20 Numbers to 50	Addition and Subtraction within 20 Fractions Measure, length and mass	Numbers 50-100 and beyond Addition and Subtraction Money	Multiplication and Division Measures – capacity and volume
Year 2	Numbers within 100 Addition and Subtraction of 2 - digit numbers Worded problems (+/-)	Measures – length Graphs Multiplication and division – 2, 5, 10s	Addition and Subtraction of 2- digit numbers Time Fractions	Money Face, shapes and patterns – lines and turns	Numbers within 1000 Measures – capacity and volume, mass Exploring calculation strategies	Multiplication and Division – 3s and 4s
Year 3	Number sense and exploring calculation strategies Place Value Graphs	Addition and Subtraction Length and perimeter	Multiplication and Division – 2, 3, 4, 5, 6, 8, 10	Time Fractions	Angles and Shape Measures	Securing multiplication and division Exploring calculation strategies and place value
Year 4	Reasoning with large numbers Addition and Subtraction	Multiplication and division Discrete and continuous data	Securing multiplication facts Fractions Time	Decimals Area and Perimeter	Solving measures and money problems Shape and symmetry	Position and direction Reasoning with patterns and sequences 3-D shape
Year 5	Reasoning with large whole integers Addition and subtraction with integers Lines, graphs and timetables	Multiplication and division Perimeter and area	Fractions and decimals Angles	Fractions and percentages Transformations	Converting units of measure Calculation with whole numbers and decimals	2-D and 3-D shapes Volume Problem solving
Year 6	Integers and decimals Multiplication and division	Calculation problems Fractions Missing angles and length	Co-ordinates and shapes Fractions	Percentages Decimals and Measure Proportion problems Statistics	Consolidation and Application	Consolidation and Application