Milestone Maths Scope and Sequence

Milestone Maths is aligned with the Australian Curriculum v 9.0

Please note: while we have a year level assigned to each book level in the table below, Milestone Maths is a mastery program. Your child may be working on a level that is “higher” or “lower” than their nominal year level. This is OK! Mastery is much more important than speed in mathematics.

Summary Table

Level A (Foundation)	A1, A2, A3, A4	Counting to 20, patterns, 2D shapes, simple addition concepts, measurement basics
Level B (Year 1)	B1, B2, B3, B4	Counting to 100; Addition and subtraction within 10; fractions: 1/2 & 1/4; measuring in cm
Level C (Year 2)	C1, C2, C3, C4	Place value to 1000; Addition and Subtraction algorithms and strategies; Introduction to multiplication and division; Time to the quarter hour
Level D (Year 3)	D1, D2, D3, D4	Place value to 10,000; Multiplication algorithms introduced; Mastering 1-10 times table; Time to the minute; Fractions: comparing, finding complement and mixed numbers
Level E (Year 4)	E1, E2, E3, E4	Place value to the hundred millions; Algorithms for multiplication and division; solving equations with unknown values (all operations); Adding and subtracting fractions introduction; Sorting fractions and locating on number lines; Decimal numbers; Relating fractions to decimal numbers.

Detailed Scope and Sequence

Book	Number & Algebra	Measurement	Space	Statistics	Probability
A1	Counting to five; Making patterns with Sumstix	Comparing Sumstix lengths			
A2	Counting to ten; Addition within five (conceptual); Copying, continuing AB patterns; Sorting objects and shapes by attributes				
A3	Counting to twenty		Naming shapes; Matching to side count; Describe location using simple language like "on top", "inside", "behind" etc		
A4	Adding within 10 (conceptual); Introduction to "sharing"			Classify objects based on simple attribute: eg "toys that move" and "toys that don't"; Simple data display answering yes/no questions (eg: "Do you like bananas?"	
B1	Read, write, compare and order numbers to 10; The concept of "part-part-whole" for addition; Introduction to the number line; Read and understand addition equations				

Book	Number & Algebra	Measurement	Space	Statistics	Probability
B2	The subtraction concept; Mastering the sums with a total of five and ten; Counting to twenty; Solving missing number addition equations; Recognising one half graphically; The symbol for one half				
B3	Mastering sums with a total of nine, eight & seven; Counting to 100; Skip counting by ten; Introducing the hundreds chart; Fractions: quarters				
B4	Mastering sums with a total of six; Finding half of a group (of 20 or less); Sharing things between two people	Measuring to the nearest cm; Comparing capacities of standard measuring spoons and cups	Learning what horizontal and vertical lines are and drawing them	Pictograms: reading and making	
C1	Place value to 100; Addition within 20; Mastering addition facts within 20; Addition & subtraction strategies		Describe, compare and classify shapes		

Book	Number & Algebra	Measurement	Space	Statistics	Probability
C2	Place value to 1000; Addition and subtraction algorithms with and without regrouping; Using the 100s chart to add and subtract mentally; Skip counting by 2 & 5				
C3	Multiplication as repeated addition; 2, 5 and 10 times tables introduction; Australian money; Doubling and halving		Measuring length to the nearest m; Measuring capacity in litres and cups; Comparing cups and fractions of a litre; Comparing mass		
C4	Fractions: eighths	Telling time to the quarter hour; Understanding the calendar; The seasons	Ordinal position (eg: 1st, 2nd, …); Directions: left and right	Creating and interpreting bar graphs	
D1	Reading, writing and comparing numbers to 1,000,000; Place value to 10,000; Rounding numbers to 10 and 100; Expanded form; Reviewing algorithms for addition and subtraction; Using inverse relationship between addition and subtraction to check calculations; Estimating addition and subtraction; Using bar models for problem solving				

Book	Number & Algebra	Measurement	Space	Statistics	Probability
D2	Modelling multiplication & division; Mastering 2, 4, 5 and 10 times tables; Patterns in the times tables				
D3	Counting money; Adding money amounts; Problems involving money; Mastering the three times table	Telling time to the minute; Measuring metres and centimetres; Converting between metres and centimetres; Calculating and measuring perimeter		Types of data: categorical versus numerical; Designing and implementing surveys to collect data; Presenting data using tallies, tables and bar graphs	
D4	Fractions: review half, quarter and eighth; Comparing fractions; Finding complementary fractions; Mixed numbers		Classifying angles; Angles as measure of a turn; Comparing angles; Drawing and constructing 3D shapes; Maps; Cardinal directions: north, south, east and west		The language of probability; Studying randomness; Understanding bias; Understanding prediction