



# Boroondara Park Primary School

## Year 5 Maths Curriculum Overview 2025

### Year 5 - Semester 1 Overview

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Terms 1 & 2	Start-Up Program	Factors and Multiples	Operations Fractions	Fractions	Decimals
Duration	1 week	4 weeks	5 weeks	4 weeks	4 weeks
Focus Areas		<ul style="list-style-type: none"> <li>Identifying multiples with materials</li> <li>Identifying multiples using the distributive property</li> <li>Identifying factors with materials</li> <li>Identifying factors and multiples using divisibility tests</li> <li>Identifying factors and multiples with algorithms</li> <li>Identifying lowest common multiples</li> <li>Identifying highest common factors</li> <li>Rich task</li> </ul> <p><a href="#">(VC2M5N02)</a>   <a href="#">(VC2M5N10)</a></p>	<ul style="list-style-type: none"> <li>Applying the distributive property to multiply by one-digit numbers</li> <li>Using factors to solve multiplication problems</li> <li>Applying the associative property to solve multiplication problems</li> <li>Multiplying by two-digit numbers using materials and diagrams</li> <li>Multiplying by two-digit numbers using a written algorithm</li> <li>Using factors to solve division problems</li> <li>Dividing using a written algorithm and representing remainders as fractions</li> <li>Dividing using a written algorithm and representing remainders as decimals</li> <li>Applying the inverse relationship between multiplication and division</li> <li>Finding unknown numbers in multiplication and division equations</li> </ul> <p><a href="#">VC2M5N06</a>   <a href="#">VC2M5N07</a>   <a href="#">VC2M5A01</a>   <a href="#">VC2M5A02</a></p>	<ul style="list-style-type: none"> <li>Representing fractions on a fraction wall</li> <li>Comparing and ordering fractions with related denominators</li> <li>Using multiplication to convert mixed numerals to improper fractions</li> <li>Using division to convert improper fractions to mixed numerals.</li> <li>Review mixed numerals and improper fractions.</li> <li>Representing fractions with the same denominator on number lines</li> <li>Representing fractions with related denominators on parallel number lines</li> <li>Review representing fractions with the same denominator on number lines</li> <li>Comparing and ordering fractions with related denominators on parallel number lines</li> </ul> <p><a href="#">(VC2M5N03)</a></p>	<ul style="list-style-type: none"> <li>Writing thousandths in decimal format</li> <li>Placing thousandths in decimal format on a number line (numbers greater than one)</li> <li>Renaming numbers with up to three decimal places</li> <li>Comparing numbers with up to three decimal places on a number line</li> <li>Ordering numbers with up to three decimal places on a number line</li> </ul> <p><a href="#">(VC2M5N01)</a></p>
Non N/A Focus		Statistics (Data representation) - <a href="#">(VC2M5ST01)</a> <a href="#">(VC2M5ST02)</a>	Measurement (Perimeter and Area) - <a href="#">(VC2M5M02)</a>	Space (3D Objects and Transformations) - <a href="#">(VC2M5SP01)</a> <a href="#">(VC2M5SP03)</a>	Probability - <a href="#">(VC2M5P01)</a> <a href="#">(VC2M5P02)</a> Measurement (Time) - <a href="#">(VC2M5M03)</a>

### Year 5 - Semester 2 Overview

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Terms 3 & 4	Fractions	Decimals	Fractions, Decimals and Percentages	Operations
Duration	5 weeks	4 weeks	6 weeks (into Term 4)	3 weeks
Focus Areas	<ul style="list-style-type: none"> <li>Adding fractions with the same denominator</li> <li>Subtracting fractions with the same denominator</li> <li>Solving addition and subtraction worded problems with fractions (same denominator)</li> <li>Finding equivalent fractions with related denominators</li> <li>Adding fractions with related denominators</li> </ul> <p><a href="#">(VC2M5N05)</a></p>	<ul style="list-style-type: none"> <li>Rounding numbers with more than two decimal places</li> <li>Writing the standard expanded form for numbers to three decimal places</li> <li>Writing the non-standard expanded form for numbers to three decimal places</li> <li>Renaming decimals to solve problems</li> <li>Using length measurements to more than two decimal places</li> <li>Using mass measurements to more than two decimal places</li> </ul> <p><a href="#">(VC2M5N01)</a></p>	<ul style="list-style-type: none"> <li>Recognising and representing percentages on a hundredths grid</li> <li>Complementary percentages</li> <li>Representing percentages with bar models</li> <li>Converting between tenths, hundredths and percentages</li> <li>Converting between halves, quarters and percentages</li> <li>Converting and ordering fractions, decimals and percentages</li> <li>Calculating percentages</li> <li>Finding the total from a given percentage</li> <li>Applying percentages in different contexts</li> </ul> <p><a href="#">(VC2M5N04)</a></p>	<ul style="list-style-type: none"> <li>Rounding numbers to powers of 10</li> <li>Determining effects of rounding up or down with addition</li> <li>Determining effects of rounding up or down with subtraction</li> <li>Determining effects of rounding up or down with multiplication</li> <li>Determining effects of rounding up or down with division</li> <li>Identifying situations requiring rounding</li> <li>Identifying when to use exact or estimated answers</li> <li>Using bar models to identify operations</li> <li>Using materials and diagrams to identify operations</li> <li>Creating a financial plan</li> </ul> <p><a href="#">(VC2M5N08)</a> <a href="#">(VC2M5N09)</a></p>
Non N/A Focus	Angles - <a href="#">(VC2M5M04)</a> Location - <a href="#">(VC2M5SP02)</a>	Measurement - <a href="#">(VC2M5M01)</a>	Data Investigation - <a href="#">(VC2M5ST03)</a>	<i>Determine what is needed to be taught based on data.</i>

