



Boroondara Park Primary School

Year 6 Maths Curriculum Overview 2025

Year 6 - Semester 1 Overview

Terms 1 & 2	Start-Up Program	Prime, composite, square and triangular numbers	Operations	Fractions	Decimals	Patterns
Duration	1 week	2 week	3 weeks	3 weeks	4 weeks	4 weeks
Focus Areas		<ul style="list-style-type: none"> Identifying prime and composite numbers Using factors to simplify multiplication calculations Representing square numbers Representing triangular numbers VC2M6A02	<ul style="list-style-type: none"> Using the order of operations to evaluate multiplication, addition and subtraction expressions Evaluating expressions with brackets Constructing equations using four operations Finding equivalent combinations of numerical expressions Applying the order of operations with calculators, spreadsheets and to solve order problems VC2M6N09 , VC2M6A02	<ul style="list-style-type: none"> Comparing and ordering fractions using drawings and models Labelling fractions with different denominators on the same number line Identifying and representing equivalent fractions on a number line Finding and identifying equivalent fractions by simplifying Comparing and ordering fractions using benchmark fractions Comparing and ordering fractions with related denominators by multiplying and dividing Comparing fractions with unrelated denominators VC2M6N03	<ul style="list-style-type: none"> Adding and subtracting decimals using place value and partitioning Adding and subtracting decimals using a vertical algorithm Applying inverse operations for addition and subtraction of decimals Rounding and estimating when adding and subtracting decimals Selecting efficient calculation strategies and solving worded problems involving addition and subtraction of decimals VC2M6N04	<ul style="list-style-type: none"> Identifying number patterns in geometric patterns Identifying and describing patterns Creating patterns Identifying and creating number patterns with digital tools Designing algorithms to generate number sets Comparing number sets generated from algorithms VC2M6A01 , VC2M6A03
Non N/A Focus		Statistics (Data representation) - (VC2M6ST01) , (VC2M6ST02) , (VC2M6ST03)	Measurement (Area) - VC2M6M02	Measurement (Time) - VC2M6M03	Shape (3D Objects) - VC2M6SP01	Probability - VC2M6P01 , VC2M6P02

Year 6 - Semester 2 Overview

Terms 3 & 4	Fractions	Decimals	Fractions, Decimals and Percentages	Operations
Duration	4 weeks	2 weeks	6 weeks (into Term 4)	6 weeks
Focus Areas	<ul style="list-style-type: none"> Ordering, adding and subtracting fractions with unrelated denominators Solving worded problems involving fractions with unrelated denominators Adding and subtracting mixed numerals with unrelated denominators Simplifying solutions for addition and subtraction of fractions VC2M6N03 VC2M6N05	<ul style="list-style-type: none"> Multiplying decimal fractions by powers of 10 Multiplying decimal fractions using powers of 10 and multiplication facts Dividing whole numbers and decimal fractions by powers of 10 Dividing whole numbers and decimal fractions using powers of 10 and division facts VC2M6N06	<ul style="list-style-type: none"> Calculating percentage discounts (50%, 25%, 10%, multiples of 10%) Using division and multiplication to calculate unit and non-unit fractions Using division and multiplication to calculate decimals and percentages Converting between fractions, decimals and percentages to perform calculations Identifying and selecting strategies for calculating fractions, decimals and percentages Fraction, decimal and percentage savings Using associated fraction, decimal and percentage facts to estimate answers VC2M6N07 VC2M6N08	<ul style="list-style-type: none"> Identifying and using rational numbers Identifying operations for multi-step worded problems Applying written calculation strategies Applying mental calculation strategies Using digital tools for problem-solving Selecting and applying calculation strategies VC2M6N09

Non N/A Focus	Angles - VC2M6M04	Measurement - VC2M6M01	Location and Transformation - VC2M6N01 VC2M6SP02 VC2M6SP03	Data Investigation - VC2M6ST03
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