

MATHEMATICS CURRICULUM	GRADE 4	GRADE 5	GRADE 6	GRADE 7
<b>NUMBER AND ALGEBRA</b>	<p>Recall multiplication facts up to <math>10 \times 10</math> and related division facts (VCMNA155)</p> <p>Develop efficient mental and written strategies and use appropriate digital technologies for multiplication and for division where there is no remainder (VCMNA156)</p>	<p>Use estimation and rounding to check the reasonableness of answers to calculations (VCMNA182)</p> <p>Solve problems involving multiplication of large numbers by one- or two-digit numbers using efficient mental, written strategies and appropriate digital technologies (VCMNA183)</p> <p>Solve problems involving division by a one digit number, including those that result in a remainder (VCMNA184)</p> <p>Use efficient mental and written strategies and apply appropriate digital technologies to solve problems (VCMNA185)</p> <p>Compare, order and represent decimals (VCMNA190)</p>	<p>Select and apply efficient mental and written strategies and appropriate digital technologies to solve problems involving all four operations with whole numbers and make estimates for these computations (VCMNA209)</p> <p>Make connections between equivalent fractions, decimals and percentages (VCMNA217)</p>	<p>Investigate index notation and represent whole numbers as products of powers of prime numbers (VCMNA238)</p> <p>Apply the associative, commutative and distributive laws to aid mental and written computation and make estimates for these computations (VCMNA240)</p>
<b>MEASUREMENT AND GEOMETRY</b>		<p>Use a grid reference system to describe locations. Describe routes using landmarks and directional language (VCMMG199)</p>		
<b>STATISTICS AND PROBABILITY</b>	<p>Select and trial methods for data collection, including survey questions and recording sheets (VCMSP178)</p>	<p>Recognise that probabilities range from 0 to 1 (VCMSP204)</p> <p>Describe and interpret different data sets in context (VCMSP207)</p>	<p>Describe probabilities using fractions, decimals and percentages (VCMSP232)</p> <p>Compare observed frequencies across experiments with expected frequencies (VCMSP234)</p> <p>Interpret secondary data presented in digital media and elsewhere (VCMSP236)</p>	<p>Calculate mean, median, mode and range for sets of data. Interpret these statistics in the context of data (VCMSP270)</p> <p>Describe and interpret data displays using median, mean and range (VCMSP271)</p>

GENERAL CAPABILITIES CURRICULUM	GRADE 3 + 4	GRADE 5 + 6
CRITICAL AND CREATIVE THINKING	Investigate a range of problem-solving strategies, including brainstorming, identifying, comparing and selecting options, and developing and testing hypotheses (VCCCTM020)	
PERSONAL AND SOCIAL CAPABILITY	<p>Identify and explore the expression of emotions in social situations and the impact on self and others (VCPCSE016)</p> <p>Identify how persistence and adaptability can be used when faced with challenging situations and change (VCPCSE018)</p> <p>Identify the importance of including others in activities, groups and games (VCPCSO022)</p> <p>Identify conflicts that may occur in peer groups and suggest possible causes and resolutions (VCPCSO024)</p>	<p>Explore the links between their emotions and their behaviour (VCPCSE025)</p> <p>Reflect on how personal strengths have assisted in achieving success at home, at school or in the community (VCPCSE026)</p> <p>Describe what it means to be confident, adaptable and persistent and why these attributes are important in dealing with new or challenging situations (VCPCSE027)</p> <p>Describe the characteristics of respectful relationships and suggest ways that respectful relationships can be achieved (VCPCSO031)</p> <p>Identify the characteristics of an effective team and develop descriptions for particular roles including leadership, and describe both their own and their team's performance when undertaking various roles (VCPCSO032)</p> <p>Describe the various causes of conflict and evaluate possible strategies to address conflict (VCPCSO033)</p>
ETHICAL CAPACITY	<p>Explore the contested meaning of concepts including fairness and harm and how they can seem to differ in different situations (VCECU004)</p> <p>Discuss the role of personal values and dispositions in ethical decision-making and actions (VCECD008)</p>	<p>Examine the contested meaning of concepts including truth and happiness and the extent to which these concepts are and should be valued (VCECU009)</p> <p>Discuss the role and significance of conscience and reasoning in ethical decision-making (VCECD013)</p>