



# Victorian Curriculum Map



MATHEMATICS CURRICULUM	GRADE 5	GRADE 6
NUMBER & ALGEBRA	Use efficient mental and written strategies and apply appropriate digital technologies to solve problems (VCMNA185)	Make connections between equivalent fractions, decimals and percentages (VCMNA217)
MEASUREMENT & GEOMETRY	Use a grid reference system to describe locations. Describe routes using landmarks and directional language (VCMMG199)	Solve problems involving the comparison of lengths and areas using appropriate units (VCMMG224)
STATISTICS & PROBABILITY	Recognise that probabilities range from 0 to 1 (VCMSP204)	Describe probabilities using fractions, decimals and percentages (VCMSP232)

SCIENCE CURRICULUM	GRADE 5+6
QUESTIONING & PREDICTING	With guidance, pose questions to clarify practical problems or inform a scientific investigation, and predict what the findings of an investigation might be based on previous experiences or general rules (VCSIS082)
PLANNING & CONDUCTING	With guidance, plan appropriate investigation types to answer questions or solve problems and use equipment, technologies and materials safely, identifying potential risks (VCSIS083)
ANALYSING & EVALUATING	Suggest improvements to the methods used to investigate a question or solve a problem (VCSIS087)
COMMUNICATING	Communicate ideas and processes using evidence to develop explanations of events and phenomena and to identify simple cause-and-effect relationships (VCSIS088)



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<p><b>DESIGN &amp; TECHNOLOGY CURRICULUM</b></p>	<p><b>GRADE 5+6</b></p>
<p><b>INVESTIGATING</b></p>	<p>Critique needs or opportunities for designing, and investigate materials, components, tools, equipment and processes to achieve intended designed solutions (VCDSCD038)</p>
<p><b>GENERATING</b></p>	<p>Generate, develop, communicate and document design ideas and processes for audiences using appropriate technical terms and graphical representation techniques (VCDSCD039)</p>
<p><b>PLANNING &amp; MANAGING</b></p>	<p>Develop project plans that include consideration of resources when making designed solutions (VCDSCD042)</p>
<p><b>GENERAL CAPABILITIES CURRICULUM</b></p>	<p><b>GRADE 5+6</b></p>
<p><b>CRITICAL &amp; CREATIVE THINKING</b></p>	<p>Examine how different kinds of questions can be used to identify and clarify information, ideas and possibilities (VCCCTQ021)</p> <p>Experiment with alternative ideas and actions by setting preconceptions to one side (VCCCTQ022)</p> <p>Investigate how ideas and problems can be disaggregated into smaller elements or ideas, how criteria can be used to identify gaps in existing knowledge, and assess and test ideas and proposals (VCCCTM031)</p>
<p><b>PERSONAL &amp; SOCIAL CAPABILITY</b></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>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>