

Victorian Curriculum F-10

CD Code	Area	Discipline	Level	Strand	Content Description
VCCCTM042	Capabilities	Critical and Creative Thinking	Levels 7 and 8	Meta-Cognition	Consider how problems can be segmented into discrete stages, new knowledge synthesised during problem-solving and criteria used to assess emerging ideas and proposals
VCCCTQ032	Capabilities	Critical and Creative Thinking	Levels 7 and 8	Questions and Possibilities	Consider how to approach and use questions that have different elements, including factual, temporal and conceptual elements
VCMMG258	Mathematics	Mathematics	Level 7	Measurement and Geometry	Establish the formulas for areas of rectangles, triangles and parallelograms and use these in problem solving
VCMNA251	Mathematics	Mathematics	Level 7	Number and Algebra	Introduce the concept of variables as a way of representing numbers using letters
VCMSP270	Mathematics	Mathematics	Level 7	Statistics and Probability	Calculate mean, median, mode and range for sets of data. Interpret these statistics in the context of data
VCMSP299	Mathematics	Mathematics	Level 8	Statistics and Probability	Explore the variation of means and proportions of random samples drawn from the same population
VCSIS111	Science	Science	Levels 7 and 8	Science Inquiry Skills	Use scientific knowledge and findings from investigations to identify relationships, evaluate claims and draw conclusions
VCSIS112	Science	Science	Levels 7 and 8	Science Inquiry Skills	Reflect on the method used to investigate a question or solve a problem, including evaluating the quality of the data collected, and identify improvements to the method
VCSIS113	Science	Science	Levels 7 and 8	Science Inquiry Skills	Communicate ideas, findings and solutions to problems including identifying impacts and limitations of conclusions and using appropriate scientific language and representations
VCSIS108	Science	Science	Levels 7 and 8	Science Inquiry Skills	Collaboratively and individually plan and conduct a range of investigation types, including fieldwork and experiments, ensuring safety and ethical guidelines are followed
VCSIS109	Science	Science	Levels 7 and 8	Science Inquiry Skills	In fair tests, measure and control variables, and select equipment to collect data with accuracy appropriate to the task
VCSIS107	Science	Science	Levels 7 and 8	Science Inquiry Skills	Identify questions, problems and claims that can be investigated scientifically and make predictions based on scientific knowledge

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VCSSU091	Science	Science	Levels 7 and 8	Science Understanding	There are differences within and between groups of organisms? classification helps organise this diversity
VCSSU093	Science	Science	Levels 7 and 8	Science Understanding	Interactions between organisms can be described in terms of food chains and food webs and can be affected by human activity
VCSSU094	Science	Science	Levels 7 and 8	Science Understanding	Multicellular organisms contain systems of organs that carry out specialised functions that enable them to survive and reproduce
VCSSU098	Science	Science	Levels 7 and 8	Science Understanding	Chemical change involves substances reacting to form new substances
VCSSU101	Science	Science	Levels 7 and 8	Science Understanding	Water is an important resource that cycles through the environment
VCSSU089	Science	Science	Levels 7 and 8	Science Understanding	Scientific knowledge and understanding of the world changes as new evidence becomes available; science knowledge can develop through collaboration and connecting ideas across the disciplines and practice of science
VCSSU090	Science	Science	Levels 7 and 8	Science Understanding	Science and technology contribute to finding solutions to a range of contemporary issues? these solutions may impact on other areas of society and involve ethical considerations