

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
VCCCTM051	Capabilities	Critical and Creative Thinking	Levels 9 and 10	Meta-Cognition	Critically examine their own and others thinking processes and discuss factors that influence thinking, including cognitive biases
VCCCTQ044	Capabilities	Critical and Creative Thinking	Levels 9 and 10	Questions and Possibilities	Suspend judgements to allow new possibilities to emerge and investigate how this can broaden ideas and solutions
VCCCTR038	Capabilities	Critical and Creative Thinking	Levels 7 and 8	Reasoning	Consider how to settle matters of fact and matters of value and the degree of confidence in the conclusions
VCDTDI038	Technologies	Digital Technologies	Levels 7 and 8	Data and Information	Analyse and visualise data using a range of software to create information, and use structured data to model objects or events
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
VCSIS139	Science	Science	Levels 9 and 10	Science Inquiry Skills	Use knowledge of scientific concepts to evaluate investigation conclusions, including assessing the approaches used to solve problems, critically analysing the validity of information obtained from primary and secondary sources, suggesting possible alternative explanations and describing specific ways to improve the quality of data
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
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
VCSIS136	Science	Science	Levels 9 and 10	Science Inquiry Skills	Select and use appropriate equipment and technologies to systematically collect and record accurate and reliable data, and use repeat trials to improve accuracy, precision and reliability
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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VCSSU092	Science	Science	Levels 7 and 8	Science Understanding	Cells are the basic units of living things and have specialised structures and functions
VCSSU119	Science	Science	Levels 9 and 10	Science Understanding	The transmission of heritable characteristics from one generation to the next involves DNA and genes
VCSSU098	Science	Science	Levels 7 and 8	Science Understanding	Chemical change involves substances reacting to form new substances
VCSSU126	Science	Science	Levels 9 and 10	Science Understanding	Chemical reactions, including combustion and the reactions of acids, are important in both non-living and living systems and involve energy transfer
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
VCSSU115	Science	Science	Levels 9 and 10	Science Understanding	Advances in scientific understanding often rely on developments in technology and technological advances are often linked to scientific discoveries