

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
VCDTCD041	Technologies	Digital Technologies	Levels 7 and 8	Creating Digital Solutions	Design the user experience of a digital system, generating, evaluating and communicating alternative designs
VCDTCD042	Technologies	Digital Technologies	Levels 7 and 8	Creating Digital Solutions	Design algorithms represented diagrammatically and in English, and trace algorithms to predict output for a given input and to identify errors
VCDTCD043	Technologies	Digital Technologies	Levels 7 and 8	Creating Digital Solutions	Develop and modify programs with user interfaces involving branching, iteration and functions using a general-purpose programming language
VCDTCD051	Technologies	Digital Technologies	Levels 9 and 10	Creating Digital Solutions	Design the user experience of a digital system, evaluating alternative designs against criteria including functionality, accessibility, usability and aesthetics
VCDTCD052	Technologies	Digital Technologies	Levels 9 and 10	Creating Digital Solutions	Design algorithms represented diagrammatically and in structured English and validate algorithms and programs through tracing and test cases
VCMNA241	Mathematics	Mathematics	Level 7	Number and Algebra	Compare, order, add and subtract integers
VCMNA273	Mathematics	Mathematics	Level 8	Number and Algebra	Carry out the four operations with rational numbers and integers, using efficient mental and written strategies and appropriate digital technologies and make estimates for these computations
VCMNA246	Mathematics	Mathematics	Level 7	Number and Algebra	Round decimals to a specified number of decimal places
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
VCSU130	Science	Science	Levels 9 and 10	Science Understanding	Electric circuits can be designed for diverse purposes using different components; the operation of circuits can be explained by the concepts of voltage and current