

Victorian Curriculum F-10

CD Code	Area	Discipline	Level	Strand	Content Description
VCDSCD050	Technologies	Design and Technologies	Levels 7 and 8	Creating Designed Solutions	Generate, develop and test design ideas, plans and processes using appropriate technical terms and technologies including graphical representation techniques
VCDSCD061	Technologies	Design and Technologies	Levels 9 and 10	Creating Designed Solutions	Apply design thinking, creativity, innovation and enterprise skills to develop, modify and communicate design ideas of increasing sophistication
VCDTCD040	Technologies	Digital Technologies	Levels 7 and 8	Creating Digital Solutions	Define and decompose real-world problems taking into account functional requirements and sustainability (economic, environmental, social), technical and usability constraints
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
VCMMG317	Mathematics	Mathematics	Level 9	Measurement and Geometry	Solve problems using ratio and scale factors in similar figures
VCMMG261	Mathematics	Mathematics	Level 7	Measurement and Geometry	Describe translations, reflections in an axis, and rotations of multiples of 90° on the Cartesian plane using coordinates. Identify line and rotational symmetries
VCMNA308	Mathematics	Mathematics	Level 9	Number and Algebra	Find the distance between two points located on a Cartesian plane using a range of strategies, including graphing software
VCMNA309	Mathematics	Mathematics	Level 9	Number and Algebra	Find the midpoint and gradient of a line segment (interval) on the Cartesian plane using a range of strategies, including graphing software
VCMNA244	Mathematics	Mathematics	Level 7	Number and Algebra	Multiply and divide fractions and decimals using efficient written strategies and digital technologies
VCMNA246	Mathematics	Mathematics	Level 7	Number and Algebra	Round decimals to a specified number of decimal places
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
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

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VCSSU116	Science	Science	Levels 9 and 10	Science Understanding	The values and needs of contemporary society can influence the focus of scientific research