

Victorian Curriculum F-10

CD Code	Area	Discipline	Level	Strand	Content Description
VCMNA285	Mathematics	Mathematics	Level 8	Number and Algebra	Plot graphs of non-linear real life data with and without the use of digital technologies, and interpret and analyse these graphs
VCMNA311	Mathematics	Mathematics	Level 9	Number and Algebra	Graph simple non-linear relations with and without the use of digital technologies and solve simple related equations
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
VCSIS138	Science	Science	Levels 9 and 10	Science Inquiry Skills	Analyse patterns and trends in data, including describing relationships between variables, identifying inconsistencies in data and sources of uncertainty, and drawing conclusions that are consistent with evidence
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
VCSIS110	Science	Science	Levels 7 and 8	Science Inquiry Skills	Construct and use a range of representations including graphs, keys and models to record and summarise data from students' own investigations and secondary sources, and to represent and analyse patterns and relationships
VCSIS137	Science	Science	Levels 9 and 10	Science Inquiry Skills	Construct and use a range of representations, including graphs, keys, models and formulas, to record and summarise data from students' own investigations and secondary sources, to represent qualitative and quantitative patterns or relationships, and distinguish between discrete and continuous data

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VCSSU096	Science	Science	Levels 7 and 8	Science Understanding	The properties of the different states of matter can be explained in terms of the motion and arrangement of particles
VCSSU098	Science	Science	Levels 7 and 8	Science Understanding	Chemical change involves substances reacting to form new substances
VCSSU122	Science	Science	Levels 9 and 10	Science Understanding	All matter is made of atoms which are composed of protons, neutrons and electrons? natural radioactivity arises from the decay of nuclei in atoms
VCSSU123	Science	Science	Levels 9 and 10	Science Understanding	The atomic structure and properties of elements are used to organise them in the periodic table
VCSSU124	Science	Science	Levels 9 and 10	Science Understanding	Chemical reactions involve rearranging atoms to form new substances? during a chemical reaction mass is not created or destroyed
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
VCSSU116	Science	Science	Levels 9 and 10	Science Understanding	The values and needs of contemporary society can influence the focus of scientific research