Victorian Curriculum F-10

CD Code	Area	Discipline	Level	Strand	Content Description
VC2CC8M03	Critical and Creative Thinking	Critical and Creative Thinking	Levels 7 and 8	Metacognition	the development of criteria for evaluating a range of proposed solutions; ways to evaluate and incorporate new knowledge that could affect the final decision
VC2CC8Q01	Critical and Creative Thinking	Critical and Creative Thinking	Levels 7 and 8	Questions and Possibilities	the construction of a main question and sub-questions for different purposes
VC2M7M01	Mathematics	Mathematics	Level 7	Measurement	establish the formulas for areas of rectangles, triangles and parallelograms and use these in problem-solving
VC2M7A01	Mathematics	Mathematics	Level 7	Algebra	recognise and use variables to represent everyday formulas algebraically and substitute values into formulas to determine an unknown
VC2M7ST01	Mathematics	Mathematics	Level 7	Statistics	acquire data sets for discrete and continuous numerical variables and calculate the range, median, mean and mode; make and justify decisions about which measures of central tendency provide useful insights into the nature of the distribution of data
VC2M7A04	Mathematics	Mathematics	Level 7	Algebra	investigate, interpret and describe relationships between variables represented in graphs of functions developed from authentic data
VC2M8ST03	Mathematics	Mathematics	Level 8	Statistics	compare variations in distributions and proportions obtained from random samples of the same size drawn from a population and recognise the effect of sample size on this variation
VC2S8I01	Science	Science	Levels 7 and 8	Science Inquiry	investigable questions, reasoned predictions and hypotheses can be developed in guiding investigations to identify patterns, test relationships and analyse and evaluate scientific models
VC2S8I03	Science	Science	Levels 7 and 8	Science Inquiry	equipment can be selected and used to generate and record data with attention to precision, using digital tools as appropriate
VC2S8I07	Science	Science	Levels 7 and 8	Science Inquiry	evidence-based arguments can be constructed to support conclusions or evaluate claims, including consideration of ethical issues and protocols associated with using or citing secondary data or information
VC2S8I06	Science	Science	Levels 7 and 8	Science Inquiry	scientific methods, conclusions and claims can be analysed to identify assumptions, possible sources of error, conflicting evidence and unanswered questions

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VC2S8I08	Science	Science	Levels 7 and 8	Science Inquiry	communicating ideas, findings and arguments for specific purposes and audiences involves the selection and use of appropriate presentation formats, scientific vocabulary, models and other representations, and may include the use of digital tools
VC2S8U04	Science	Science	Levels 7 and 8	Science Understanding	matter and energy flow through ecosystems and can be represented using models, including food webs and food pyramids; populations will be affected by changing biotic and abiotic factors in an ecosystem including habitat loss, climate change, seasonal migration and introduction or removal of species
VC2S8U01	Science	Science	Levels 7 and 8	Science Understanding	there are similarities and differences within and between groups of organisms living on Earth; the development and use of classification tools, including dichotomous keys, help order and organise human understanding of the diversity of life