

Code Masters

Victorian Curriculum Links Years 3&4

Level	Learning Area	Strand	Content Description	Code
Years 3&4	Digital Technologies	Digital Systems	Explore a range of digital systems with peripheral devices for different purposes, and transmit different types of data.	VCDTDS019
		Data and Information	Recognise different types of data and explore how the same data can be represented in different ways.	VCDTDI020
		Creating Digital Solutions	Define simple problems, and describe and follow a sequence of steps and decisions involving branching and user input (algorithms) needed to solve them.	VCDTCD023
Years 3&4	Personal and Social Capability	Social Awareness and Management	Demonstrate skills for effective participation in group tasks and use criteria provided to reflect on the effectiveness of the teams in which they participate.	VCPSCSO023
			Identify conflicts that may occur in peer groups and suggest possible causes and resolutions.	VCPSCSO024

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Victorian Curriculum Links Years 5&6

Level	Learning Area	Strand	Content Description	Code
Years 5&6	Digital Technologies	Digital Systems	Examine the main components of common digital systems, and how such digital systems may connect together to form networks to transmit data.	VCDTDS026
		Data and Information	Examine how whole numbers are used as the basis for representing all types of data in digital systems.	VCDTDI027
		Creating Digital Solutions	Define problems in terms of data and functional requirements, drawing on previously solved problems to identify similarities.	VCDTCD030
			Design, modify and follow simple algorithms represented diagrammatically and in English, involving sequences of steps, branching, and iteration.	VCDTCD032
			Develop digital solutions as simple visual programs.	VCDTCD033
			Explain how student-developed solutions and existing information systems meet current and future community and sustainability needs.	VCDTCD034
	Design Technologies	Engineering Principles and Systems	Investigate how forces or electrical energy can control movement, sound or light in a designed product or system.	VCDSTC034
	Science Understanding	Physical Sciences	Energy from a variety of sources can be used to generate electricity; electric circuits enable this energy to be transferred to another place and then to be transformed into another form of energy.	VCSSU081

Years 5&6	Personal and Social Capability	Social Awareness and Management	Identify the characteristics of an effective team and develop descriptions for particular roles including leadership, and describe both their own and their team's performance when undertaking various roles.	VCPCSO032
			Describe the various causes of conflict and evaluate possible strategies to address conflict.	VCPCSO033

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