

Levels 3 & 4 Overview of units

We note that some curriculum content descriptors are not addressed in this overview at the time of publishing. School snapshots for the case studies project are classified on a spectrum from "starting out" to "consolidating practices".



	Unit A	Unit B	Unit C	Unit D
Title / theme	Day and Night	Virtual Tours	Peripheral Devices	Coding
Summary / intention	Students learning about the Interconnected relationship between the Sun, Moon and Earth.	Students investigate how online systems can be used to help the community.	Students learn about the uses of peripheral devices.	Students learn how to use block coding to make simple algorithms.
Approximate number of hours	7	1	2	5
Assessment piece or pieces	summary of item learned	teacher observation	teacher observations	rubric
Hardware and software tools used	cubit robotics	laptop and Internet	laptop, mouse, printer, publisher	laptop/iPad, CodeSpark

Curriculum Content Descriptions addressed:

DIGITAL SYSTEMS

VCDTDS019: Explore a range of digital systems with peripheral devices for different purposes, and transmit different types of data

DATA AND INFORMATION

VCDTDI020: Recognise different types of data and explore how the same data can be represented in different ways

VCDTDI021: Collect, access and present different types of data using simple software to create information and solve problems

VCDTDI022: Individually and with others, plan, create and communicate ideas and information safely, applying agreed ethical and social protocols

CREATING DIGITAL SOLUTIONS

VCDTCD023: Define simple problems, and describe and follow a sequence of steps and decisions involving branching and user input (algorithms) needed to solve them

VCDTCD024: Develop simple solutions as visual programs

VCDTCD025: Explain how student-developed solutions and existing information systems meet common personal, school or community needs

DIGITAL SYSTEMS

VCDTDS019

DATA AND INFORMATION

VCDTDI020

VCDTDI021

VCDTDI022

CREATING DIGITAL SOLUTIONS

VCDTCD023

VCDTCD024

VCDTCD025

DIGITAL SYSTEMS

VCDTDS019

DATA AND INFORMATION

VCDTDI020

VCDTDI021

VCDTDI022

CREATING DIGITAL SOLUTIONS

VCDTCD023

VCDTCD024

VCDTCD025

DIGITAL SYSTEMS

VCDTDS019

DATA AND INFORMATION

VCDTDI020

VCDTDI021

VCDTDI022

CREATING DIGITAL SOLUTIONS

VCDTCD023

VCDTCD024

VCDTCD025

DIGITAL SYSTEMS

VCDTDS019

DATA AND INFORMATION

VCDTDI020

VCDTDI021

VCDTDI022

CREATING DIGITAL SOLUTIONS

VCDTCD023

VCDTCD024

VCDTCD025

Copyright: All Victorian Curriculum and Assessment Authority (VCAA) material is copyright. The VCAA makes no warranties regarding the correctness or accuracy of this DLTV resource. The current Victorian Curriculum and related content can be accessed directly at www.vcaa.vic.edu.au.