**Instruction:** List the title of the unit of work in the first column and then tick the check box of the content description/s addressed by it, which can be done electronically. Once completed, fill out the ‘Assessments’ table.   
If you need help completing the template view the curriculum mapping instructions document.

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|  | **Strand** | **Digital Systems** | | **Data and Information** | | | | | | **Creating Digital Solutions** | | | | | |
|  | **Content Description** | Explore a range of digital systems with peripheral devices for different purposes, and transmit different types of data  [(VCDTDS019)](http://victoriancurriculum.vcaa.vic.edu.au/Curriculum/ContentDescription/VCDTDS019) | | Recognise different types of data and explore how the same data can be represented in different ways  [(VCDTDI020)](http://victoriancurriculum.vcaa.vic.edu.au/Curriculum/ContentDescription/VCDTDI020) | | Collect, access and present different types of data using simple software to create information and solve problems  [(VCDTDI021)](http://victoriancurriculum.vcaa.vic.edu.au/Curriculum/ContentDescription/VCDTDI021) | | Individually and with others, plan, create and communicate ideas and information safely, applying agreed ethical and social protocols  [(VCDTDI022)](http://victoriancurriculum.vcaa.vic.edu.au/Curriculum/ContentDescription/VCDTDI022) | | Define simple problems, and describe and follow a sequence of steps and decisions involving branching and user input (algorithms) needed to solve them  [(VCDTCD023)](http://victoriancurriculum.vcaa.vic.edu.au/Curriculum/ContentDescription/VCDTCD023) | | Develop simple solutions as visual programs  [(VCDTCD024)](http://victoriancurriculum.vcaa.vic.edu.au/Curriculum/ContentDescription/VCDTCD024) | | Explain how student-developed solutions and existing information systems meet common personal, school or community needs  [(VCDTCD025)](http://victoriancurriculum.vcaa.vic.edu.au/Curriculum/ContentDescription/VCDTCD025) | |
| **Sequence of Lessons / Unit** | **Semester/ Year** | CD | Achievement standard # | CD | Achievement standard # | CD | Achievement standard # | CD | Achievement standard # | CD | Achievement standard # | CD | Achievement standard # | CD | Achievement standard # |
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| **Foundation to Level 2 Achievement Standard** | **Levels 3 and 4 Achievement Standard**  Separated by line. Number in brackets, e.g. (3), can be used as an identifier in various parts of the template. | **Levels 5 and 6 Achievement Standard** |
| By the end of Level 2   * Students identify how common digital systems are used to meet specific purposes. * Students use digital systems to represent simple patterns in data in different ways and collect familiar data and display them to convey meaning. * Students design solutions to simple problems using a sequence of steps and decisions. * They create and organise ideas and information using information systems and share these in safe online environments. | By the end of Level 4   * Students describe how a range of digital systems and their peripheral devices can be used for different purposes. (1) * Students explain how the same data sets can be represented in different ways. (2) * They collect and manipulate different data when creating information and digital solutions. (3) * They plan and safely use information systems when creating and communicating ideas and information, applying agreed protocols. (4) * Students define simple problems, and design and develop digital solutions using algorithms that involve decision-making and user input. (5) * They explain how their developed solutions and existing information systems meet their purposes. (6) | By the end of Level 6   * Students explain the functions of digital system components and how digital systems are connected to form networks that transmit data. * Students explain how digital systems use whole numbers as a basis for representing a variety of data types. * They manage the creation and communication of ideas, information and digital projects collaboratively using validated data and agreed protocols. * Students define problems in terms of data and functional requirements and design solutions by developing algorithms to address the problems. * They incorporate decision-making, repetition and user interface design into their designs and develop their digital solutions, including a visual program. * Students explain how information systems and their developed solutions meet current and future needs taking sustainability into account. |

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| **Assessments** | | |  |  | | |
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