VCE Foundation Mathematics: Performance descriptors

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| **VCE Foundation Mathematics****SCHOOL-ASSESSED COURSEWORK** |
| **Performance descriptors** |
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| **Units 3 and 4** | **DESCRIPTOR: typical performance in each range** |
| **Outcome 3 (7 or 8 marks)** | **Focus** | **Score 1** | **Score 2** | **Score 3** | **Score 4** | **Score 5** |
| Apply computational thinking and use numerical, graphical, symbolic and statistical functionalities of technology to develop mathematical ideas, produce results and carry out analysis in practical situations requiring investigative, modelling or problem-solving techniques or approaches. | A Use and application of computational thinking, and algorithms | Very limited or minimal use of computational thinking, algorithms, models or simulations to solve problems within a context. | Some use of computational thinking, algorithms, models or simulations to solve problems within a context. | Clear and correct use of computational thinking, algorithms, models or simulations to solve problems within a context. | Comprehensive use of a range of computational thinking, algorithms, models or simulations to solve problems within a context. | NA |
| Use and application of technology and tools | Very limited minimal or inappropriate use of technology or tools for modelling and solving mathematical problems. | Some use of straightforward and standard technology or tools for modelling and solving mathematical problems. | Satisfactory and correct use and application of a range of available technologies or tools for modelling and solving mathematical problems. | Comprehensive use and application of a wide range of technologies or tools for modelling and solving mathematical problems. | NA |