

Assessment Schedule – 2020

Digital Technologies and Hangarau Matihiko: Demonstrate understanding of a computer science concept (91898)

Assessment Criteria

Achievement	Achievement with Merit	Achievement with Excellence
<p><i>Demonstrating understanding of a computer science concept</i> involves:</p> <ul style="list-style-type: none"> • identifying the computer science concept • providing details of how the concept is used, is implemented, or occurs • explaining how the concept has been or could be applied to address an opportunity • explaining relevant mechanisms that shape the concept. 	<p><i>Demonstrating in-depth understanding of a computer science concept</i> involves:</p> <ul style="list-style-type: none"> • explaining the impact of the concept. 	<p><i>Demonstrating comprehensive understanding of a computer science concept</i> involves:</p> <ul style="list-style-type: none"> • explaining key problems or issues related to the concept.

Cut Scores

Not Achieved	Achievement	Achievement with Merit	Achievement with Excellence
0 – 2	3 – 4	5 – 6	7 – 8

Evidence

N1	N2	A3	A4	M5	M6	E7	E8
<p>Makes relevant comments, but the response is incomplete.</p>	<p>Makes relevant comments in some parts of the response.</p>	<p>Give TWO examples from current digital technologies in which the chosen computer science concept is used, implemented or occurs.</p> <p>Explains:</p> <ul style="list-style-type: none"> • how the concept is currently or could be applied to address an opportunity. • how a protocol or procedure from the concept is used to achieve a purpose. <p>Some aspects of the response may be partial or weak.</p>	<p>Give TWO examples in which the chosen computer science concept is used, implemented or occurs in current digital technologies.</p> <p>Explains:</p> <ul style="list-style-type: none"> • how the concept is currently or could be applied to address an opportunity. • how a protocol or procedure from the concept is used to achieve a purpose. 	<p>Explains how either ethical issues or human factors relate to the chosen computer science concept.</p> <p>Some aspects of the response may be partial or weak.</p>	<p>Explains how either ethical issues or human factors relate to the chosen computer science concept.</p>	<p>Identifies and discusses key problems / issues related to the chosen computer science concept.</p> <p>Some aspects of the response may be partial or weak.</p>	<p>Identifies and discusses key problems / issues related to the chosen computer science concept.</p>

N0 = No response; no relevant evidence.