



Progression of Knowledge and Skills in Computing



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Computer Skills	<ul style="list-style-type: none"> <li>• Turn on computer</li> <li>• Log on and off correctly</li> <li>• Save/retrieve files</li> <li>• Locate files</li> <li>• General understanding of programs/locations of programs</li> <li>• Printing- Documents and pictures</li> </ul>	<ul style="list-style-type: none"> <li>• Turn on computer</li> <li>• Log on and off correctly</li> <li>• Save/retrieve files</li> <li>• Locate files</li> <li>• General understanding of programs/locations of programs</li> <li>• Printing- Documents and pictures</li> </ul>	<ul style="list-style-type: none"> <li>• Turn on computer</li> <li>• Log on and off correctly</li> <li>• Save/retrieve files</li> <li>• Locate files</li> <li>• General understanding of programs/locations of programs</li> <li>• Printing- Documents and pictures</li> </ul>	<ul style="list-style-type: none"> <li>• Turn on computer</li> <li>• Log on and off correctly</li> <li>• Save/retrieve files</li> <li>• Locate files</li> <li>• General understanding of programs/locations of programs</li> <li>• Printing- Documents and pictures</li> </ul>	<ul style="list-style-type: none"> <li>• Turn on computer</li> <li>• Log on and off correctly</li> <li>• Save/retrieve files</li> <li>• Locate files</li> <li>• General understanding of programs/locations of programs</li> <li>• Printing- Documents and pictures</li> </ul>	<ul style="list-style-type: none"> <li>• Turn on computer</li> <li>• Log on and off correctly</li> <li>• Save/retrieve files</li> <li>• Locate files</li> <li>• General understanding of programs/locations of programs</li> <li>• Printing- Documents and pictures</li> </ul>
Keyboard Skills	<ul style="list-style-type: none"> <li>• Locate letter keys</li> <li>• Locate number keys</li> <li>• Improve keyboard speed- program on typing.com (teachers to create login and class)</li> <li>• Begin to understand/use keyboard shortcuts</li> </ul>	<ul style="list-style-type: none"> <li>• Locate letter keys</li> <li>• Locate number keys</li> <li>• Improve keyboard speed- program on typing.com (teachers to create login and class)</li> <li>• Begin to understand/use keyboard shortcuts</li> </ul>	<ul style="list-style-type: none"> <li>• Locate letter keys</li> <li>• Locate number keys</li> <li>• Improve keyboard speed- program on typing.com (teachers to create login and class)</li> <li>• Begin to understand/use keyboard shortcuts</li> </ul>	<ul style="list-style-type: none"> <li>• Locate letter keys</li> <li>• Locate number keys</li> <li>• Improve keyboard speed- program on typing.com (teachers to create login and class)</li> <li>• Begin to understand/use keyboard shortcuts</li> </ul>	<ul style="list-style-type: none"> <li>• Locate letter keys</li> <li>• Locate number keys</li> <li>• Improve keyboard speed- program on typing.com (teachers to create login and class)</li> <li>• Begin to understand/use keyboard shortcuts</li> </ul>	<ul style="list-style-type: none"> <li>• Locate letter keys</li> <li>• Locate number keys</li> <li>• Improve keyboard speed- program on typing.com (teachers to create login and class)</li> <li>• Begin to understand/use keyboard shortcuts</li> </ul>
Technology Safety	<ul style="list-style-type: none"> <li>• Keep personal information private</li> <li>• Identify where to go for help and support when they have concerns about content or contact (online/social media)</li> <li>• Use technology safely, respectfully and responsibly</li> <li>• Recognise acceptable and unacceptable behaviour and identify there are a range of ways to report concerns.</li> </ul>	<ul style="list-style-type: none"> <li>• Keep personal information private</li> <li>• Identify where to go for help and support when they have concerns about content or contact (online/social media)</li> <li>• Use technology safely, respectfully and responsibly</li> <li>• Recognise acceptable and unacceptable behaviour and identify there are a range of ways to report concerns.</li> </ul>	<ul style="list-style-type: none"> <li>• Keep personal information private</li> <li>• Identify where to go for help and support when they have concerns about content or contact (online/social media)</li> <li>• Use technology safely, respectfully and responsibly</li> <li>• Recognise acceptable and unacceptable behaviour and identify there are a range of ways to report concerns.</li> </ul>	<ul style="list-style-type: none"> <li>• Keep personal information private</li> <li>• Identify where to go for help and support when they have concerns about content or contact (online/social media)</li> <li>• Use technology safely, respectfully and responsibly</li> <li>• Recognise acceptable and unacceptable behaviour and identify there are a range of ways to report concerns.</li> </ul>	<ul style="list-style-type: none"> <li>• Keep personal information private</li> <li>• Identify where to go for help and support when they have concerns about content or contact (online/social media)</li> <li>• Use technology safely, respectfully and responsibly</li> <li>• Recognise acceptable and unacceptable behaviour and identify there are a range of ways to report concerns.</li> </ul>	<ul style="list-style-type: none"> <li>• Keep personal information private</li> <li>• Identify where to go for help and support when they have concerns about content or contact (online/social media)</li> <li>• Use technology safely, respectfully and responsibly</li> <li>• Recognise acceptable and unacceptable behaviour and identify there are a range of ways to report concerns.</li> </ul>
Online skills	<ul style="list-style-type: none"> <li>• Use a search engine, knowing to type 'for kids' at the end of searches</li> </ul>	<ul style="list-style-type: none"> <li>• Use a search engine, knowing to type 'for kids' at the end of searches</li> </ul>	<ul style="list-style-type: none"> <li>• Use search technologies effectively, appreciate how results are selected and ranked and be desisting in evaluation of digital content.</li> </ul>	<ul style="list-style-type: none"> <li>• Use search technologies effectively, appreciate how results are selected and ranked and be desisting in evaluation of digital content.</li> </ul>	<ul style="list-style-type: none"> <li>• Use search technologies effectively, appreciate how results are selected and ranked and be desisting in evaluation of digital content.</li> </ul>	<ul style="list-style-type: none"> <li>• Use search technologies effectively, appreciate how results are selected and ranked and be desisting in evaluation of digital content.</li> </ul>

Understanding algorithms	<ul style="list-style-type: none"> <li>Understanding what algorithms are, how they are implemented as programs on digital devices and that programs execute by following processes and unambiguous instructions.</li> </ul>	<ul style="list-style-type: none"> <li>Understanding what algorithms are, how they are implemented as programs on digital devices and that programs execute by following processes and unambiguous instructions.</li> </ul>	<ul style="list-style-type: none"> <li>Use sequence, selection, and repetition in programs; work with variables and various forms of input and output.</li> <li>Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.</li> </ul>	<ul style="list-style-type: none"> <li>Use sequence, selection, and repetition in programs; work with variables and various forms of input and output.</li> <li>Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.</li> </ul>	<ul style="list-style-type: none"> <li>Use sequence, selection, and repetition in programs; work with variables and various forms of input and output.</li> <li>Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.</li> </ul>	<ul style="list-style-type: none"> <li>Use sequence, selection, and repetition in programs; work with variables and various forms of input and output.</li> <li>Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.</li> </ul>
Design/publishing	<ul style="list-style-type: none"> <li>Design, write and debug programs that accomplish specific goals, including controlling and stimulation physical systems; solve problems by decomposing them into smaller parts.</li> </ul>	<ul style="list-style-type: none"> <li>Design, write and debug programs that accomplish specific goals, including controlling and stimulation physical systems; solve problems by decomposing them into smaller parts.</li> </ul>	<ul style="list-style-type: none"> <li>Design, write and debug programs that accomplish specific goals, including controlling and stimulation physical systems; solve problems by decomposing them into smaller parts.</li> </ul>	<ul style="list-style-type: none"> <li>Design, write and debug programs that accomplish specific goals, including controlling and stimulation physical systems; solve problems by decomposing them into smaller parts.</li> </ul>	<ul style="list-style-type: none"> <li>Design, write and debug programs that accomplish specific goals, including controlling and stimulation physical systems; solve problems by decomposing them into smaller parts.</li> </ul>	<ul style="list-style-type: none"> <li>Design, write and debug programs that accomplish specific goals, including controlling and stimulation physical systems; solve problems by decomposing them into smaller parts.</li> </ul>