Computing Assessment Statements

Year 1 - I am beginning to…

● begin to understand algorithms - place instructions in correct order and use direction arrows to move an on screen object to achieve an objective. Predict a route, sequence commands and correct errors if necessary. eg. Beebots and Scratch Junior	
● use technology purposefully to create, organise, store, manipulate and retrieve digital content	
● recognise common uses of information technology beyond school	
● understand what the internet is and how people use it. Identify where to go for help when concerned. Understand what personal information is and why it needs to be kept safe.	
● move the mouse around the screen and left click on an object. Find letters and numbers on a keyboard and be able to save and print work.	

Year 2 - I can …

● understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions	
● create and debug simple programs	
● use logical reasoning to predict the behaviour of simple programs	
● use technology purposefully to create, organise, store, manipulate and retrieve digital content	
● recognise common uses of information technology beyond school	
● use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.	
● understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions	

Year 3 - I am beginning to …

● design, write and debug programs that accomplish specific goals; solve problems by decomposing them into smaller parts	
● use sequence, selection, and repetition in programs; work with variables and various forms of input and output	

●	use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs	
●	understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration	
●	select, use and combine a variety of software that accomplishes given goals, including collecting, analysing, evaluating and presenting data and information	
●	use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.	
●	use search technologies effectively.	

Year 4 - I am developing my ability to …

●	design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts	
●	use sequence, selection, and repetition in programs; work with variables and various forms of input and output	
●	use logical reasoning to explain how some simple algorithms work and	

to detect and correct errors in algorithms and programs	
● understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration	
● select, use and combine a variety of software that accomplishes given goals, including generating, analysing, evaluating and presenting data and information	
● use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.	
● use search technologies effectively.	

Year 5 - I am improving my ability to …

● design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts	
● use sequence, selection, and repetition in programs; work with variables and various forms of input and output	
● use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs	
● understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration	
● select, use and combine a variety of software that accomplishes given goals, including collecting, analysing, evaluating and presenting data and information	
● use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.	

Year 6 - I am successfully able to …

● design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts	
● use sequence, selection, and repetition in programs; work with variables and various forms of input and output	
● use logical reasoning to explain how some simple algorithms work and	

to detect and correct errors in algorithms and programs	
● understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration	
● select, use and combine a variety of software that accomplishes given goals, including collecting, analysing, evaluating and presenting data and information	
● use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.	
● use search technologies effectively.	