

Cycle A

Cycle B

		Cycle A					Cycle B						
		Communication and collaboration	Web page creation	Variables in games	Spreadsheets	3D modelling	Sensing movement	Systems and searching	Video production	Selection in physical computing	Flat-file databases	Vector graphics	Selection in quizzes
2.1	Write programs that accomplish specific goals			✓			✓	✓		✓			✓
	Design programs that accomplish specific goals			✓			✓	✓		✓			✓
	Debug programs that accomplish specific goals			✓			✓	✓		✓			✓
	Control or simulate physical systems			✓			✓	✓		✓			✓
	Solve problems by decomposing them into smaller parts			✓			✓	✓		✓			✓
2.2	Use sequence in programs			✓			✓	✓		✓			✓
	Use selection in programs			✓			✓	✓		✓			✓
	Use repetition in programs			✓			✓	✓		✓			✓
	Work with variables			✓			✓	✓		✓			✓
	Work with various forms of input and output			✓			✓	✓		✓			✓
2.3	Use logical reasoning to detect and correct errors in programs			✓			✓			✓			✓
	Use logical reasoning to explain how some simple algorithms work			✓			✓			✓			✓
	Use logical reasoning to detect and correct errors in algorithms			✓			✓			✓			✓
2.4	Understand how computer networks can provide multiple services, such as the world wide web	✓						✓					
	Understand computer networks, including the internet	✓						✓					
	Understand the opportunities computer networks offer for communication	✓						✓					
	Understand the opportunities computer networks offer for collaboration	✓						✓					
2.5	Use search technologies effectively		✓						✓		✓		
	Appreciate how search results are selected		✓						✓		✓		
	Appreciate how search results are ranked		✓						✓		✓		
	Be discerning in evaluating digital content		✓						✓		✓		
2.6	Select, use and combine software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Design and create content	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Design and create systems	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Collect, analyse, evaluate and present data	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Collect, analyse, evaluate and present information	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2.7	Use technology responsibly	✓	✓				✓		✓				
	Identify a range of ways to report concerns about contact	✓	✓				✓		✓				
	Identify a range of ways to report concerns about content	✓	✓				✓		✓				
	Recognise acceptable/unacceptable behaviour	✓	✓				✓		✓				