

# AQA GCSE

## 4512 Specification map

**Notes:**

Unit 1 is a free half-unit and unit 7 is designed to cover the theoretical elements of programming

		Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7
3.1.1	Constants, variables and data types							✓
3.1.2	Structures							✓
3.1.3	Program flow control							✓
3.1.4	Procedures and functions							✓
3.1.5	Scope of variables, constants and functions							✓
3.1.6	Error handling							✓
3.1.7	Handling external data							✓
3.1.9	Algorithms							✓
3.1.8	Computer structure		✓					
3.1.8.1	Systems		✓					
3.1.8.2	Hardware		✓					
3.1.8.3	CPU		✓					
3.1.8.4	Memory		✓					
3.1.8.5	Secondary storage		✓					
3.1.10	Data representation			✓				
3.1.11	Software development life cycle				✓			
3.1.12	Application testing				✓			
3.1.13	Networking					✓		
3.1.13.1	Client server					✓		
3.1.13.2	Web application concepts					✓		
3.1.14	Use of external code sources					✓		
3.1.15	Database concepts						✓	
3.1.15.1	Query methods (SQL)						✓	
3.1.15.2	Connecting to databases from applications						✓	
3.1.16	Use of computer technology in society	✓						