

Year 7 Code breakers

	Acquiring	Developing	Securing	Mastering	Mastering +
Algorithms	<p>I know what a 'code' is and I can create simple secret codes using symbols or letters</p> <p>I can show care and precision to avoid errors</p>	<p>I know what encryption is</p> <p>I can design simple codes to encrypt data</p> <p>I can use logical reasoning to break simple codes</p> <p>I can find and correct errors</p>	<p>I can use diagrams to express solutions</p> <p>I can use logical reasoning to break complex codes</p>	<p>I can show an awareness of tasks best completed by humans or computers.</p> <p>I can design complex codes of my own</p> <p>I know that different solutions exist for the same problem.</p>	Working above a mastering level
Communication & Networks	<p>I can find content from the world wide web using a web browser.</p>	<p>I can navigate the web and can carry out simple web searches to collect digital content.</p> <p>I can show responsible use of technologies and online services</p>	<p>I know the difference between the internet and internet service e.g. world wide web.</p> <p>I know what is acceptable and unacceptable behaviour when using technologies and online services.</p>	<p>I know how to effectively use search engines, and I know how search results are selected, including that search engines use 'web crawler programs'.</p> <p>I can use, select and combines internet services.</p>	
Information Technology	<p>I can use software under the control of the teacher to create, store and edit digital content using appropriate file and folder names.</p> <p>I know that people interact with computers.</p> <p>I can share my use of technology in school. I know common uses of information technology beyond the classroom.</p> <p>I can talk about my work and make changes to improve it.</p>	<p>I can use technology with increasing independence to purposefully organise digital content.</p> <p>I can show an awareness for the quality of digital content collected.</p> <p>I can use a variety of software to manipulate and present digital content and information.</p> <p>I can share my experiences of technology in school and beyond the classroom.</p> <p>I can talk about my work and make improvements to solutions based on feedback received.</p>	<p>I can collect, organise and present data and information in digital content.</p> <p>I can create digital content to achieve a given goal through combining software packages and internet services to communicate with a wider audience e.g. blogging.</p> <p>I can make appropriate improvements to solutions based on feedback received, and can comment on the success the solution.</p>	<p>I can make judgments about digital content when evaluating and repurposing it for a given audience.</p> <p>I know the audience when I am designing and creating digital content.</p> <p>I know the potential of information technology for collaboration when computers are networked.</p> <p>I can use criteria to evaluate the quality of solutions and can identify improvements making some refinements to the solution, and future solutions.</p>	

Year7 Digital Citizenship

	Acquiring	Developing	Securing	Mastering	Mastering +
Communication & Networks	<p>I can find content from the world wide web using a web browser.</p> <p>I know the importance of communicating safely and respectfully online, and the need for keeping personal information private.</p> <p>I know what to do when concerned about content or being contacted.</p>	<p>I can navigate the web and can carry out simple web searches to collect digital content.</p> <p>I can show use of computers safely and responsibly, knowing a range of ways to report unacceptable content and contact when online.</p>	<p>I know the difference between the internet and internet service e.g. world wide web.</p> <p>I can show an awareness of, and can use a range of internet services e.g. VOIP.</p> <p>I know what is acceptable and unacceptable behaviour when using technologies and online services.</p>	<p>I know how to effectively use search engines, and I know how search results are selected, including that search engines use 'web crawler programs'.</p> <p>I can use, select and combines internet services.</p> <p>I can show responsible use of technologies and online services, and I know a range of ways to report concerns.</p>	Working above a mastering level
Information Technology	<p>I can use software under the control of the teacher to create, store and edit digital content using appropriate file and folder names.</p> <p>I know that people interact with computers.</p> <p>I can share my use of technology in school. I know common uses of information technology beyond the classroom.</p> <p>I can talk about my work and make changes to improve it.</p>	<p>I can use technology with increasing independence to purposefully organise digital content.</p> <p>I can show an awareness for the quality of digital content collected.</p> <p>I can use a variety of software to manipulate and present digital content: and information.</p> <p>I can share my experiences of technology in school and beyond the classroom.</p> <p>I can talk about my work and make improvements to solutions based on feedback received.</p>	<p>I can collect, organise and present data and information in digital content.</p> <p>I can create digital content to achieve a given goal through combining software packages and internet services to communicate with a wider audience e.g. blogging.</p> <p>I can make appropriate improvements to solutions based on feedback received, and can comment on the success the solution.</p>	<p>I can make judgments about digital content when evaluating and repurposing it for a given audience.</p> <p>I know the audience when I am designing and creating digital content.</p> <p>I know the potential of information technology for collaboration when computers are networked.</p> <p>I can use criteria to evaluate the quality of solutions and can identify improvements making some refinements to the solution, and future solutions.</p>	Working above a mastering level

Year 7 Computer systems and data representation

	Acquiring	Developing	Securing	Mastering	Mastering +
Data Representation	<p>I know that digital content can be represented in many forms.</p> <p>I know the difference between some of these digital forms and can explain the different ways that they communicate information.</p>	<p>I know different types of data: text, number.</p> <p>I know that programs can work with different types of data.</p> <p>I know that data can be structured in tables to make it useful.</p> <p>I can represent denary value in binary</p> <p>I can translate binary to denary values</p>	<p>I know the difference between data and information.</p> <p>I know how to make images using binary colours.</p>	<p>I know how binary is used with numbers and images.</p> <p>I can perform basic operations using bit patterns e.g. binary addition.</p> <p>I know the relationship between resolution and colour depth, including the effect on file size.</p>	Working above a mastering level
Communication & Networks	<p>I can find content from the world wide web using a web browser.</p>	<p>I can navigate the web and can carry out simple web searches to collect digital content.</p>	<p>I know the difference between the internet and internet service e.g. world wide web.</p> <p>I can show an awareness of, and can use a range of internet services.</p>	<p>I know how to effectively use search engines, and I know how search results are selected, including that search engines use 'web crawler programs'.</p> <p>I can use, select and combines internet services.</p>	
Information Technology	<p>I can use software under the control of the teacher to create, store and edit digital content using appropriate file and folder names.</p> <p>I know that people interact with computers.</p> <p>I can share my use of technology in school. I know common uses of information technology beyond the classroom.</p> <p>I can talk about my work and make changes to improve it.</p>	<p>I can use technology with increasing independence to purposefully organise digital content.</p> <p>I can show an awareness for the quality of digital content collected.</p> <p>I can use a variety of software to manipulate and present digital content: and information.</p> <p>I can share my experiences of technology in school and beyond the classroom.</p> <p>I can talk about my work and make improvements to solutions based on feedback received.</p>	<p>I can collect, organise and present data and information in digital content.</p> <p>I can create digital content to achieve a given goal through combining software packages and internet services to communicate with a wider audience e.g. blogging.</p> <p>I can make appropriate improvements to solutions based on feedback received, and can comment on the success the solution.</p>	<p>I can make judgments about digital content when evaluating and repurposing it for a given audience.</p> <p>I know the audience when I am designing and creating digital content.</p> <p>I know the potential of information technology for collaboration when computers are networked.</p> <p>I can use criteria to evaluate the quality of solutions and can identify improvements making some refinements to the solution, and future solutions.</p>	
Hardware and Processing	<p>I know that computers collect data from various input devices, including sensors and application software.</p> <p>I know the difference between hardware and application software, and their roles within a computer system.</p>	<p>I know why and when computers are used.</p> <p>I know the main functions of the operating system.</p>	<p>I know the function of the main internal parts of basic computer architecture.</p> <p>I know that there is a range of operating systems and application software for the same hardware.</p>	<p>I know that there is a range of different computers and can describe the difference between them e.g.: Dedicated Vs General</p>	

Year 7 Control programming and Flowol

	Acquiring	Developing	Securing	Mastering	Mastering +
Algorithms	<p>I know what an algorithm is and I can express simple algorithms using symbols.</p> <p>I know that computers need precise instructions.</p> <p>I can show care and precision to avoid errors</p>	<p>I know that algorithms are implemented on digital devices as programs.</p> <p>I can design simple algorithms using loops, and selection i.e. if statements.</p> <p>I can use logical reasoning to predict outcomes.</p> <p>I can find and correct errors i.e. debugging, in algorithms.</p>	<p>I can design solutions (algorithms) that use repetition and two-way selection i.e. if, then and else.</p> <p>I can use diagrams to express solutions.</p> <p>I can use logical reasoning to predict outputs, showing an awareness of inputs.</p>	<p>I can show an awareness of tasks best completed by humans or computers.</p> <p>I can design solutions by decomposing a problem and creates a sub-solution for each of these parts (decomposition).</p> <p>I know that different solutions exist for the same problem.</p>	Working above a mastering level
Programming & Development	<p>I know that users can write their own programs.</p> <p>I know that programs run by following precise instructions.</p>	<p>I can use arithmetic operators, if statements, and loops, within programs.</p> <p>I can use logical reasoning to predict the behaviour of programs.</p> <p>I can find and correct simple errors i.e. debugging, in programs.</p>	<p>I can use post-tested loops e.g. 'until', and a sequence of selection statements in programs, including an 'if', then and 'else' statement.</p>	<p>I can design, write and debug modular programs using procedures.</p> <p>I know that a procedure can be used to hide the detail with sub-solution (procedural abstraction).</p>	

Year 7 BBC Microbit

	Acquiring	Developing	Securing	Mastering	Mastering +
Algorithms	<p>I know what an algorithm is and I can express simple algorithms using symbols.</p> <p>I know that computers need precise instructions.</p> <p>I can show care and precision to avoid errors</p>	<p>I know that algorithms are implemented on digital devices as programs.</p> <p>I can design simple algorithms using loops, and selection i.e. if statements.</p> <p>I can use logical reasoning to predict outcomes.</p> <p>I can find and correct errors i.e. debugging, in algorithms.</p>	<p>I can design solutions (algorithms) that use repetition and two-way selection i.e. if, then and else.</p> <p>I can use diagrams to express solutions.</p> <p>I can use logical reasoning to predict outputs, showing an awareness of inputs.</p>	<p>I can show an awareness of tasks best completed by humans or computers.</p> <p>I can design solutions by decomposing a problem and creates a sub-solution for each of these parts (decomposition).</p> <p>I know that different solutions exist for the same problem.</p>	Working above a mastering level
Data & Data Representation	<p>I know that digital content can be represented in many forms.</p> <p>I know the difference between some of these digital forms and can explain the different ways that they communicate information.</p>	<p>I know different types of data: text, number.</p> <p>I know that programs can work with different types of data.</p> <p>I know that data can be structured in tables to make it useful.</p>	<p>I know the difference between data and information.</p>	<p>I can perform more complex searches for information e.g. using Boolean and relational operators.</p> <p>Analyses and evaluates data and information, and I know that poor quality data leads to unreliable results, and inaccurate conclusions.</p>	
Programming & Development	<p>I know that users can write their own programs.</p> <p>I can create a simple program.</p> <p>I can run, check and change programs.</p> <p>I know that programs run by following precise instructions.</p>	<p>I can use arithmetic operators, if statements, and loops, within programs.</p> <p>I can use logical reasoning to predict the behaviour of programs.</p> <p>I can find and correct simple semantic errors i.e. debugging, in programs.</p>	<p>I can create programs that implement algorithms to achieve given goals.</p> <p>I can declare and assign variables.</p> <p>I can use post-tested loops e.g. 'until', and a sequence of selection statements in programs, including an 'if', then and 'else' statement.</p>	<p>I know the difference between, and appropriately I can use if and if, then and else statements.</p> <p>I can use a variable and relational operators within a loop to govern termination.</p> <p>I can design, write and debug modular programs using procedures.</p> <p>I know that a procedure can be used to hide the detail with sub-solution (procedural abstraction).</p>	
Communication & Networks	<p>I can find content from the world wide web using a web browser.</p>	<p>I can navigate the web and can carry out simple web searches to collect digital content.</p>	<p>I know the difference between the internet and internet service e.g. world wide web.</p> <p>I can show an awareness of, and can use a range of internet services.</p>	<p>I know how to effectively use search engines, and I know how search results are selected, including that search engines use 'web crawler programs'.</p> <p>I can use, select and combines internet services.</p>	
Information Technology	<p>I can use software under the control of the teacher to create, store and edit digital content using appropriate file and folder names.</p> <p>I can share my use of technology in school. I know common uses of information technology beyond the classroom.</p> <p>I can talk about my work and make changes to improve it.</p>	<p>I can use technology with increasing independence to purposefully organise digital content.</p> <p>I can share my experiences of technology in school and beyond the classroom.</p> <p>I can talk about my work and make improvements to solutions based on feedback received.</p>	<p>I can create digital content to achieve a given goal through combining software packages and internet services to communicate with a wider audience e.g. blogging.</p> <p>I can make appropriate improvements to solutions based on feedback received, and can comment on the success the solution.</p>	<p>I know the audience when I am designing and creating digital content.</p> <p>I know the potential of information technology for collaboration when computers are networked.</p> <p>I can use criteria to evaluate the quality of solutions and can identify improvements making some refinements to the solution, and future solutions.</p>	

Year 7 Programming theory and Python programming

	Acquiring	Developing	Securing	Mastering	Mastering +
Algorithms	<p>I know what an algorithm is and I can express simple algorithms using symbols.</p> <p>I know that computers need precise instructions.</p> <p>I can show care and precision to avoid errors</p>	<p>I know that algorithms are implemented on digital devices as programs.</p> <p>I can design simple algorithms using loops, and selection i.e. if statements.</p> <p>I can use logical reasoning to predict outcomes.</p> <p>I can find and correct errors i.e. debugging, in algorithms.</p>	<p>I can design solutions (algorithms) that use repetition and two-way selection i.e. if, then and else.</p> <p>I can use diagrams to express solutions.</p> <p>I can use logical reasoning to predict outputs, showing an awareness of inputs.</p>	<p>I can show an awareness of tasks best completed by humans or computers.</p> <p>I can design solutions by decomposing a problem and creates a sub-solution for each of these parts (decomposition).</p> <p>I know that different solutions exist for the same problem.</p>	Working above a mastering level
Data & Data Representation	<p>I know that digital content can be represented in many forms.</p> <p>I know the difference between some of these digital forms and can explain the different ways that they communicate information.</p>	<p>I know different types of data: text, number.</p> <p>I know that programs can work with different types of data.</p> <p>I know that data can be structured in different ways to make it useful.</p>	<p>I know the difference between data and information.</p>	<p>I can perform more complex searches for information e.g. using Boolean and relational operators.</p> <p>Analyses and evaluates data and information, and I know that poor quality data leads to unreliable results, and inaccurate conclusions.</p>	
Programming & Development	<p>I know that users can write their own programs.</p> <p>I can create a simple program.</p> <p>I can run, check and change programs.</p> <p>I know that programs run by following precise instructions.</p>	<p>I can use arithmetic operators, if statements, and loops, within programs.</p> <p>I can use logical reasoning to predict the behaviour of programs.</p> <p>I can find and correct simple semantic errors i.e. debugging, in programs.</p>	<p>I can create programs that implement algorithms to achieve given goals.</p> <p>I can declare and assign variables.</p> <p>I can use post-tested loops e.g. 'until', and a sequence of selection statements in programs, including an 'if', then and 'else' statement.</p>	<p>I know the difference between, and appropriately I can use if and if, then and else statements.</p> <p>I can use a variable and relational operators within a loop to govern termination.</p> <p>I can design, write and debug modular programs using procedures.</p> <p>I know that a procedure can be used to hide the detail with sub-solution (procedural abstraction).</p>	
Communication & Networks	<p>I can find content from the world wide web using a web browser.</p>	<p>I can navigate the web and can carry out simple web searches to collect digital content.</p>	<p>I know the difference between the internet and internet service e.g. world wide web.</p> <p>I can show an awareness of, and can use a range of internet services.</p>	<p>I know how to effectively use search engines, and I know how search results are selected, including that search engines use 'web crawler programs'.</p> <p>I can use, select and combines internet services.</p>	
Information Technology	<p>I can use software under the control of the teacher to create, store and edit digital content using appropriate file and folder names.</p> <p>I can share my use of technology in school. I know common uses of information technology beyond the classroom.</p> <p>I can talk about my work and make changes to improve it.</p>	<p>I can use technology with increasing independence to purposefully organise digital content.</p> <p>I can share my experiences of technology in school and beyond the classroom.</p> <p>I can talk about my work and make improvements to solutions based on feedback received.</p>	<p>I can create digital content to achieve a given goal through combining software packages and internet services.</p> <p>I can make appropriate improvements to solutions based on feedback received, and can comment on the success the solution.</p>	<p>I know the audience when I am designing and creating digital content.</p> <p>I know the potential of information technology for collaboration when computers are networked.</p> <p>I can use criteria to evaluate the quality of solutions and can identify improvements making some refinements to the solution, and future solutions.</p>	

Year 8 Data modelling

	Acquiring	Developing	Securing	Mastering	Mastering +
Communication & Networks	I can navigate the web and can carry out simple web searches to collect digital content.	I know the difference between the internet and internet service e.g. world wide web. I can show an awareness of, and can use a range of internet services.	I know how to effectively use search engines, and I know how search results are selected, including that search engines use 'web crawler programs'. I can use, select and combines internet services.	I know how search engines rank search results and how to manipulate these to refine my search.	Working above a mastering level
Information Technology	I can use technology with increasing independence to purposefully organise digital content. I can show an awareness for the quality of digital content collected. I can use a variety of software to manipulate and present digital content: and information. I can talk about my work and make improvements to solutions based on feedback received.	I can collect, organise and present data and information in digital content. I can create digital content to achieve a given goal through combining software packages and internet services. I can make appropriate improvements to solutions based on feedback received, and can comment on the success the solution.	I can make judgments about digital content when evaluating and repurposing it for a given audience. I know the audience when I am designing and creating digital content. I know the potential of information technology for collaboration when computers are networked. I can use criteria to evaluate the quality of solutions and can identify improvements making some refinements to the solution, and future solutions.	I can evaluate the appropriateness of digital devices, internet services and application software to achieve given goals. I can design criteria to critically evaluate the quality of solutions, I can use the criteria to identify improvements and can make appropriate refinements to the solution.	Working above a mastering level

Year 8 Web design / computer hardware

	Acquiring	Developing	Securing	Mastering	Mastering +
Hardware & Processing	<p>I know that a range of digital devices can be considered a computer.</p> <p>I know and can use a range of input and output devices.</p> <p>I know how programs specify the function of a general purpose computer.</p>	<p>I know that computers collect data from various input devices, including sensors and application software.</p> <p>I know the difference between hardware and application software, and their roles within a computer system.</p>	<p>I know why and when computers are used.</p> <p>I know the main functions of the operating system.</p> <p>I know the difference between physical, wireless and mobile networks.</p>	<p>I know the function of the main internal parts of basic computer architecture.</p> <p>I know the concepts behind the fetch-execute cycle.</p> <p>I know that there is a range of operating systems and application software for the same hardware.</p>	Working above a mastering level
Communication & Networks	<p>I can navigate the web and can carry out simple web searches to collect digital content.</p>	<p>I know the difference between the internet and internet service e.g. world wide web.</p> <p>I can show an awareness of, and can use a range of internet services.</p>	<p>I know how to effectively use search engines, and I know how search results are selected, including that search engines use 'web crawler programs'.</p> <p>I can use, select and combines internet services.</p>	<p>I know how search engines rank search results and how to manipulate these to refine my search.</p>	
Information Technology	<p>I can use technology with increasing independence to purposefully organise digital content.</p> <p>I can show an awareness for the quality of digital content collected.</p> <p>I can use a variety of software to manipulate and present digital content: and information.</p> <p>I can talk about my work and make improvements to solutions based on feedback received.</p>	<p>I can collect, organise and present data and information in digital content.</p> <p>I can create digital content to achieve a given goal through combining software packages and internet services.</p> <p>I can make appropriate improvements to solutions based on feedback received, and can comment on the success the solution.</p>	<p>I can make judgements about digital content when evaluating and repurposing it for a given audience.</p> <p>I know the audience when I am designing and creating digital content.</p> <p>I know the potential of information technology for collaboration when computers are networked.</p> <p>I can use criteria to evaluate the quality of solutions and can identify improvements making some refinements to the solution, and future solutions.</p>	<p>I can evaluate the appropriateness of digital devices, internet services and application software to achieve given goals.</p> <p>I can design criteria to critically evaluate the quality of solutions, I can use the criteria to identify improvements and can make appropriate refinements to the solution.</p>	Working above a mastering level

Year 8 Album and magazine covers

	Acquiring	Developing	Securing	Mastering	Mastering +
Communication & Networks	I can navigate the web and can carry out simple web searches to collect digital content.	I know the difference between the internet and internet service e.g. world wide web. I can show an awareness of, and can use a range of internet services.	I know how to effectively use search engines, and I know how search results are selected, including that search engines use 'web crawler programs'. I can use, select and combines internet services.	I know how search engines rank search results and how to manipulate these to refine my search.	Working above a mastering level
Information Technology	I can use technology with increasing independence to purposefully organise digital content. I can show an awareness for the quality of digital content collected. I can use a variety of software to manipulate and present digital content: and information. I can talk about my work and make improvements to solutions based on feedback received.	I can collect, organise and present data and information in digital content. I can create digital content to achieve a given goal through combining software packages and internet services. I can make appropriate improvements to solutions based on feedback received, and can comment on the success the solution.	I can make judgments about digital content when evaluating and repurposing it for a given audience. I know the audience when I am designing and creating digital content. I know the potential of information technology for collaboration when computers are networked. I can use criteria to evaluate the quality of solutions and can identify improvements making some refinements to the solution, and future solutions.	I can evaluate the appropriateness of digital devices, internet services and application software to achieve given goals. I can design criteria to critically evaluate the quality of solutions, I can use the criteria to identify improvements and can make appropriate refinements to the solution.	Working above a mastering level

Year 8 Databases

	Acquiring	Developing	Securing	Mastering	Mastering +
Communication & Networks	I can navigate the web and can carry out simple web searches to collect digital content.	I know the difference between the internet and internet service e.g. world wide web. I can show an awareness of, and can use a range of internet services.	I know how to effectively use search engines, and I know how search results are selected, including that search engines use 'web crawler programs'. I can use, select and combines internet services.	I know how search engines rank search results and how to manipulate these to refine my search.	Working above a mastering level
Information Technology	I can use technology with increasing independence to purposefully organise digital content. I can use a variety of software to manipulate and present digital content: and information. I can talk about my work and make improvements to solutions based on feedback received.	I can collect, organise and present data and information in digital content. I can create digital content to achieve a given goal through combining software packages and internet services. I can make appropriate improvements to solutions based on feedback received, and can comment on the success the solution.	I can make judgments about digital content when evaluating and repurposing it for a given audience. I know the audience when I am designing and creating digital content. I can use criteria to evaluate the quality of solutions and can identify improvements making some refinements to the solution, and future solutions.	I can evaluate the appropriateness of digital devices, internet services and application software to achieve given goals. I can design criteria to critically evaluate the quality of solutions, I can use the criteria to identify improvements and can make appropriate refinements to the solution.	Working above a mastering level
Data Representation	I know different types of data: text, number. I know that programs can work with different types of data. I know that data can be structured in tables to make it useful.	I know the difference between data and information. I can use filters or can perform single criteria searches for information. I know why sorting data in a flat file can improve searching for information.	I know how different data types can affect data. I know the importance of databases within the modern world.	I can use real world examples of how data is stored in a databases and identify appropriate field names for each. I can define data types: real numbers and Boolean with example to illustrate. I can query data on one table using a typical query language.	

Year 8 App Inventor

	Acquiring	Developing	Securing	Mastering	Mastering +
Algorithms	<p>I know that algorithms are implemented on digital devices as programs.</p> <p>I can design simple algorithms using loops, and selection i.e. if statements.</p> <p>I can use logical reasoning to predict outcomes.</p> <p>I can find and correct errors i.e. debugging, in algorithms.</p>	<p>I can design solutions (algorithms) that use repetition and two-way selection i.e. if, then and else.</p> <p>I can use diagrams to express solutions</p> <p>I can use logical reasoning to break complex codes</p>	<p>I can show an awareness of tasks best completed by humans or computers.</p> <p>I can design complex codes of my own</p> <p>I know that different solutions exist for the same problem.</p>	<p>I know that iteration is the repetition of a process such as a loop.</p> <p>I know that different algorithms exist for the same problem.</p> <p>I can represent solutions using a structured notation.</p> <p>I can identify similarities and differences in situations and can use these to solve problems (pattern recognition).</p>	
Data & Data Representation	<p>I know that digital content can be represented in many forms.</p>	<p>I know the difference between data and information.</p> <p>I know the difference between some of these digital forms and can explain the different ways that they communicate information.</p>	<p>I can perform more complex searches for information e.g. using Boolean and relational operators.</p> <p>Analyses and evaluates data and information, and I know that poor quality data leads to unreliable results, and inaccurate conclusions.</p>	<p>I know how to manipulate data types.</p> <p>I can define data types: real numbers and Boolean.</p>	
Programming & Development	<p>I can use arithmetic operators, if statements, and loops, within programs.</p> <p>I can use logical reasoning to predict the behaviour of programs.</p> <p>I can find and correct simple semantic errors i.e. debugging, in programs.</p>	<p>I can create programs that implement algorithms to achieve given goals.</p> <p>I can declare and assign variables.</p> <p>I can use post-tested loops e.g. 'until', and a sequence of selection statements in programs, including an 'if', then and 'else' statement.</p>	<p>I know the difference between, and appropriately I can use if and if, then and else statements.</p> <p>I can use a variable and relational operators within a loop to govern termination.</p> <p>I can design, write and debug modular programs using procedures.</p> <p>I know that a procedure can be used to hide the detail with sub-solution (procedural abstraction).</p>	<p>I know that programming bridges the gap between algorithmic solutions and computers.</p> <p>I have practical experience of a block based programming language.</p> <p>I can use a range of operators and expressions e.g. Boolean, and applies them in the context of program control.</p> <p>I can select the appropriate data types.</p>	
Communication & Networks	<p>I can navigate the web and can carry out simple web searches to collect digital content.</p>	<p>I know the difference between the internet and internet service e.g. world wide web.</p> <p>I can show an awareness of, and can use a range of internet services.</p>	<p>I know how to effectively use search engines, and I know how search results are selected, including that search engines use 'web crawler programs'.</p>	<p>I know how search engines rank search results and how to manipulate these to refine my search.</p>	
Information Technology	<p>I can use technology with increasing independence to purposefully organise digital content.</p> <p>I can show an awareness for the quality of digital content collected.</p> <p>I can use a variety of software to manipulate and present digital content: and information.</p> <p>I can talk about my work and make improvements to solutions based on feedback received.</p>	<p>I can collect, organise and present data and information in digital content.</p> <p>I can create digital content to achieve a given goal through combining software packages and internet services.</p> <p>I can make appropriate improvements to solutions based on feedback received, and can comment on the success the solution.</p>	<p>I can make judgments about digital content when evaluating and repurposing it for a given audience.</p> <p>I know the audience when I am designing and creating digital content.</p> <p>I know the potential of information technology for collaboration when computers are networked.</p> <p>I can use criteria to evaluate the quality of solutions and can identify improvements making some refinements to the solution, and future solutions.</p>	<p>I can evaluate the appropriateness of digital devices, internet services and application software to achieve given goals.</p> <p>I can design criteria to critically evaluate the quality of solutions, I can use the criteria to identify improvements and can make appropriate refinements to the solution.</p>	

Working above a mastering level

Year 8 Python Programming

	Acquiring	Developing	Securing	Mastering	Mastering +
Algorithms	<p>I know that algorithms are implemented on digital devices as programs.</p> <p>I can design simple algorithms using loops, and selection i.e. if statements.</p> <p>I can use logical reasoning to predict outcomes.</p> <p>I can find and correct errors i.e. debugging, in algorithms.</p>	<p>I can design solutions (algorithms) that use repetition and two-way selection i.e. if, then and else.</p> <p>I can use diagrams to express solutions</p> <p>I can use logical reasoning to break complex codes</p>	<p>I can show an awareness of tasks best completed by humans or computers.</p> <p>I can design complex codes of my own</p> <p>I know that different solutions exist for the same problem.</p>	<p>I know that iteration is the repetition of a process such as a loop.</p> <p>I know that different algorithms exist for the same problem.</p> <p>I can represent solutions using a structured notation.</p> <p>I can identify similarities and differences in situations and can use these to solve problems (pattern recognition).</p>	Working above a mastering level
Data & Data Representation	<p>I know that digital content can be represented in many forms.</p>	<p>I know the difference between data and information.</p> <p>I know the difference between some of these digital forms and can explain the different ways that they communicate information.</p>	<p>I can perform more complex searches for information e.g. using Boolean and relational operators.</p> <p>Analyses and evaluates data and information, and I know that poor quality data leads to unreliable results, and inaccurate conclusions.</p>	<p>I know how to manipulate data types.</p> <p>I can define data types: real numbers and Boolean.</p>	
Programming & Development	<p>I can use arithmetic operators, if statements, and loops, within programs.</p> <p>I can use logical reasoning to predict the behaviour of programs.</p> <p>I can find and correct simple semantic errors i.e. debugging, in programs.</p>	<p>I can create programs that implement algorithms to achieve given goals.</p> <p>I can declare and assign variables.</p> <p>I can use post-tested loops e.g. 'until', and a sequence of selection statements in programs, including an 'if', then and 'else' statement.</p>	<p>I know the difference between, and appropriately I can use if and if, then and else statements.</p> <p>I can use a variable and relational operators within a loop to govern termination.</p> <p>I can design, write and debug modular programs using procedures.</p> <p>I know that a procedure can be used to hide the detail with sub-solution (procedural abstraction).</p>	<p>I know that programming bridges the gap between algorithmic solutions and computers.</p> <p>I have practical experience of a block based programming language.</p> <p>I can use a range of operators and expressions e.g. Boolean, and applies them in the context of program control.</p> <p>I can select the appropriate data types.</p>	
Communication & Networks	<p>I can navigate the web and can carry out simple web searches to collect digital content.</p>	<p>I know the difference between the internet and internet service e.g. world wide web.</p> <p>I can show an awareness of, and can use a range of internet services.</p>	<p>I know how to effectively use search engines, and I know how search results are selected, including that search engines use 'web crawler programs'.</p>	<p>I know how search engines rank search results and how to manipulate these to refine my search.</p>	
Information Technology	<p>I can use technology with increasing independence to purposefully organise digital content.</p> <p>I can show an awareness for the quality of digital content collected.</p> <p>I can use a variety of software to manipulate and present digital content: and information.</p> <p>I can talk about my work and make improvements to solutions based on feedback received.</p>	<p>I can collect, organise and present data and information in digital content.</p> <p>I can create digital content to achieve a given goal through combining software packages and internet services.</p> <p>I can make appropriate improvements to solutions based on feedback received, and can comment on the success the solution.</p>	<p>I can make judgments about digital content when evaluating and repurposing it for a given audience.</p> <p>I know the audience when I am designing and creating digital content.</p> <p>I know the potential of information technology for collaboration when computers are networked.</p> <p>I can use criteria to evaluate the quality of solutions and can identify improvements making some refinements to the solution, and future solutions.</p>	<p>I can evaluate the appropriateness of digital devices, internet services and application software to achieve given goals.</p> <p>I can design criteria to critically evaluate the quality of solutions, I can use the criteria to identify improvements and can make appropriate refinements to the solution.</p>	

Year 9 Video Editing

	Acquiring	Developing	Securing	Mastering	Mastering +
Communication & Networks	<p>I know the difference between the internet and internet service e.g. world wide web.</p> <p>I can show an awareness of, and can use a range of internet services e.g. VOIP.</p> <p>I know what is acceptable and unacceptable behaviour when using technologies and online services.</p>	<p>I know how to effectively use search engines, and I know how search results are selected, including that search engines use 'web crawler programs'.</p> <p>I can use, select and combines internet services.</p> <p>I can show responsible use of technologies and online services, and I know a range of ways to report concerns.</p>	<p>I know how search engines rank search results.</p> <p>I know it is important to check the reliability of information sources found online.</p>	<p>I can use technologies and online services securely, and I know how to identify and report inappropriate conduct.</p>	<p>Working above a mastering level</p>
Information Technology	<p>I can collect, organise and present data and information in digital content.</p> <p>I can create digital content to achieve a given goal through combining software packages and internet services to communicate with a wider audience e.g. blogging.</p> <p>I can make appropriate improvements to solutions based on feedback received, and can comment on the success the solution.</p>	<p>I can make judgments about digital content when evaluating and repurposing it for a given audience.</p> <p>I know the audience when I am designing and creating digital content.</p> <p>I know the potential of information technology for collaboration when computers are networked.</p> <p>I can use criteria to evaluate the quality of solutions and can identify improvements making some refinements to the solution, and future solutions.</p>	<p>I can evaluate the appropriateness of digital devices, internet services and application software to achieve given goals.</p> <p>I can recognise ethical issues surrounding the application of information technology beyond school.</p> <p>I can design criteria to critically evaluate the quality of solutions, I can use the criteria to identify improvements and can make appropriate refinements to the solution.</p>	<p>I can justify the choice of and independently combine and I use multiple digital devices, internet services and application software to achieve given goals.</p> <p>I can evaluate the trustworthiness of digital content and consider the usability of visual design features when designing and creating digital artefacts for known audience.</p> <p>I can design criteria for users to evaluate the quality of solutions, and can use the feedback from users to identify improvements and can make appropriate refinements to the solution.</p> <p>I can identify and explain how the use of technology can impact on society.</p>	<p>Working above a mastering level</p>

Year 9 App Inventor

	Acquiring	Developing	Securing	Mastering	Mastering +
Algorithms	<p>I can use diagrams to express solutions</p> <p>I can use logical reasoning to break complex codes</p>	<p>I can show an awareness of tasks best completed by humans or computers.</p> <p>I can design complex codes of my own</p> <p>I know that different solutions exist for the same problem.</p>	<p>I know that iteration is the repetition of a process such as a loop.</p> <p>I know that different algorithms exist for the same problem.</p> <p>I can represent solutions using a structured notation.</p> <p>I can identify similarities and differences in situations and can use these to solve problems (pattern recognition).</p>	<p>I know a recursive solution to a problem repeatedly applies the same solution to smaller instances of the problem.</p> <p>I know that for some problems I can share the same characteristics and use the same algorithm to solve both (generalisation).</p> <p>I know the notion of performance for algorithms and I know that some algorithms have different performance characteristics for the same task.</p>	
Data & Data Representation	<p>I know the difference between data and information.</p>	<p>I can perform more complex searches for information e.g. using Boolean and relational operators.</p> <p>Analyses and evaluates data and information, and I know that poor quality data leads to unreliable results, and inaccurate conclusions.</p>	<p>I know that digital computers use binary to represent all data.</p> <p>I can define data types: real numbers and Boolean.</p>	<p>I can discuss the impact of using the incorrect data types and their effect.</p>	
Programming & Development	<p>I can create programs that implement algorithms to achieve given goals.</p> <p>I can declare and assign variables.</p> <p>I can use post-tested loops e.g. 'until', and a sequence of selection statements in programs, including an 'if', then and 'else' statement.</p>	<p>I know the difference between, and appropriately I can use if and if, then and else statements.</p> <p>I can use a variable and relational operators within a loop to govern termination.</p> <p>I can design, write and debug modular programs using procedures.</p> <p>I know that a procedure can be used to hide the detail with sub-solution (procedural abstraction).</p>	<p>I know that programming bridges the gap between algorithmic solutions and computers.</p> <p>I have practical experience of a block based programming language.</p> <p>I can use a range of operators and expressions e.g. Boolean, and applies them in the context of program control.</p> <p>I can select the appropriate data types.</p>	<p>I can use nested selection statements.</p> <p>I know the need for, and can write, custom functions including use of parameters.</p> <p>I know the difference between, and I can use appropriately, procedures and functions.</p> <p>I know and I can use negation with operators.</p> <p>I can use and manipulate one dimensional data structures.</p> <p>I can find and corrects errors.</p>	
Communication & Networks	<p>I know the difference between the internet and internet service e.g. world wide web.</p> <p>I can show an awareness of, and can use a range of internet services e.g. VOIP.</p> <p>I know what is acceptable and unacceptable behaviour when using technologies and online services.</p>	<p>I know how to effectively use search engines, and I know how search results are selected, including that search engines use 'web crawler programs'.</p> <p>I can use, select and combines internet services.</p> <p>I can show responsible use of technologies and online services, and I know a range of ways to report concerns.</p>	<p>I know how search engines rank search results.</p> <p>I know it is important to check the reliability of information sources found online.</p>	<p>I can confidently and reliably search for information.</p> <p>I can critique information found online.</p> <p>I can create a bank of reliable and trustworthy sites to support my learning.</p>	
Information Technology	<p>I can collect, organise and present data and information in digital content.</p> <p>I can create digital content to achieve a given goal through combining software packages and internet services to communicate with a wider audience e.g. blogging.</p> <p>I can make appropriate improvements to solutions based on feedback received, and can comment on the success the solution.</p>	<p>I can make judgments about digital content when evaluating and repurposing it for a given audience.</p> <p>I know the audience when I am designing and creating digital content.</p> <p>I know the potential of information technology for collaboration when computers are networked.</p> <p>I can use criteria to evaluate the quality of solutions and can identify improvements making some refinements to the solution, and future solutions.</p>	<p>I can evaluate the appropriateness of digital devices, internet services and application software to achieve given goals.</p> <p>I can recognise ethical issues surrounding the application of information technology beyond school.</p> <p>I can design criteria to critically evaluate the quality of solutions, I can use the criteria to identify improvements and can make appropriate refinements to the solution.</p>	<p>I can justify the choice of and independently combine and I use multiple digital devices, internet services and application software to achieve given goals.</p> <p>I can evaluate the trustworthiness of digital content and consider the usability of visual design features when designing and creating digital artefacts for known audience.</p> <p>I can design criteria for users to evaluate the quality of solutions, and can use the feedback from users to identify improvements and can make appropriate refinements to the solution.</p> <p>I can identify and explain how the use of technology can impact on society.</p>	

Working above a mastering level

Year 9 Databases

	Acquiring	Developing	Securing	Mastering	Mastering +
Communication & Networks	<p>I know the difference between the internet and internet service e.g. world wide web.</p> <p>I can show an awareness of, and can use a range of internet services e.g. VOIP.</p> <p>I know what is acceptable and unacceptable behaviour when using technologies and online services.</p>	<p>I know how to effectively use search engines, and I know how search results are selected, including that search engines use 'web crawler programs'.</p> <p>I can use, select and combines internet services.</p> <p>I can show responsible use of technologies and online services, and I know a range of ways to report concerns.</p>	<p>I know how search engines rank search results.</p> <p>I know it is important to check the reliability of information sources found online.</p>	<p>I can use technologies and online services securely, and I know how to identify and report inappropriate conduct.</p> <p>I understand how databases are incorporated in real like how important they are in the data world.</p>	Working above a mastering level
Information Technology	<p>I can collect, organise and present data and information in digital content.</p> <p>I can create digital content to achieve a given goal through combining software packages and internet services to communicate with a wider audience e.g. blogging.</p> <p>I can make appropriate improvements to solutions based on feedback received, and can comment on the success the solution.</p>	<p>I can make judgments about digital content when evaluating and repurposing it for a given audience.</p> <p>I know the audience when I am designing and creating digital content.</p> <p>I know the potential of information technology for collaboration when computers are networked.</p> <p>I can use criteria to evaluate the quality of solutions and can identify improvements making some refinements to the solution, and future solutions.</p>	<p>I can evaluate the appropriateness of digital devices, internet services and application software to achieve given goals.</p> <p>I can recognise ethical issues surrounding the application of information technology beyond school.</p> <p>I can design criteria to critically evaluate the quality of solutions, I can use the criteria to identify improvements and can make appropriate refinements to the solution.</p>	<p>I can justify the choice of and independently combine and I use multiple digital devices, internet services and application software to achieve given goals.</p> <p>I can evaluate the trustworthiness of digital content and consider the usability of visual design features when designing and creating digital artefacts for known audience.</p> <p>I can design criteria for users to evaluate the quality of solutions, and can use the feedback from users to identify improvements and can make appropriate refinements to the solution.</p> <p>I can identify and explain how the use of technology can impact on society.</p>	Working above a mastering level
Data Representation	<p>I know the difference between data and information.</p> <p>I can use filters or can perform single criteria searches for information.</p> <p>I know why sorting data in a flat file can improve searching for information.</p>	<p>I know how binary is used with numbers and images.</p> <p>I know the relationship between resolution and colour depth, including the effect on file size.</p>	<p>I know that digital computers use binary to represent all data.</p> <p>I can define data types: real numbers and Boolean with example to illustrate.</p> <p>I can query data on one table using a typical query language.</p>	<p>I know how and why data is stored in tables.</p> <p>I know the importance of separating data out to eliminate redundant data.</p> <p>I can discuss how data in different tables can be linked.</p> <p>I can interrogate data using multiple criteria at once.</p>	

Year 9 Python programming theory and Python programming

	Acquiring	Developing	Securing	Mastering	Mastering +
Algorithms	<p>I can use diagrams to express solutions</p> <p>I can use logical reasoning to break complex codes</p>	<p>I can show an awareness of tasks best completed by humans or computers.</p> <p>I can design complex codes of my own</p> <p>I know that different solutions exist for the same problem.</p>	<p>I know that iteration is the repetition of a process such as a loop.</p> <p>I know that different algorithms exist for the same problem.</p> <p>I can represent solutions using a structured notation.</p> <p>I can identify similarities and differences in situations and can use these to solve problems (pattern recognition).</p>	<p>I know a recursive solution to a problem repeatedly applies the same solution to smaller instances of the problem.</p> <p>I know that for some problems I can share the same characteristics and use the same algorithm to solve both (generalisation).</p> <p>I know the notion of performance for algorithms and I know that some algorithms have different performance characteristics for the same task.</p>	Working above a mastering level
Data & Data Representation	<p>I know the difference between data and information.</p>	<p>I can perform more complex searches for information e.g. using Boolean and relational operators.</p> <p>Analyses and evaluates data and information, and I know that poor quality data leads to unreliable results, and inaccurate conclusions.</p>	<p>I know that digital computers use binary to represent all data.</p> <p>I can define data types: real numbers and Boolean.</p>	<p>I can discuss the impact of using the incorrect data types and their effect.</p>	
Programming & Development	<p>I can create programs that implement algorithms to achieve given goals.</p> <p>I can declare and assign variables.</p> <p>I can use post-tested loops e.g. 'until', and a sequence of selection statements in programs, including an 'if', then and 'else' statement.</p>	<p>I know the difference between, and appropriately I can use if and if, then and else statements.</p> <p>I can use a variable and relational operators within a loop to govern termination.</p> <p>I can design, write and debug modular programs using procedures.</p> <p>I know that a procedure can be used to hide the detail with sub-solution (procedural abstraction).</p>	<p>I know that programming bridges the gap between algorithmic solutions and computers.</p> <p>I have practical experience of a high-level textual language, including using standard libraries when programming.</p> <p>I can use a range of operators and expressions e.g. Boolean, and applies them in the context of program control.</p> <p>I can select the appropriate data types.</p>	<p>I can use nested selection statements.</p> <p>I know the need for, and can write, custom functions including use of parameters.</p> <p>I know the difference between, and I can use appropriately, procedures and functions.</p> <p>I know and I can use negation with operators.</p> <p>I can use and manipulate one dimensional data structures.</p> <p>I can find and corrects syntactical errors.</p>	
Communication & Networks	<p>I know the difference between the internet and internet service e.g. world wide web.</p> <p>I can show an awareness of, and can use a range of internet services e.g. VOIP.</p> <p>I know what is acceptable and unacceptable behaviour when using technologies and online services.</p>	<p>I know how to effectively use search engines, and I know how search results are selected, including that search engines use 'web crawler programs'.</p> <p>I can use, select and combines internet services.</p> <p>I can show responsible use of technologies and online services, and I know a range of ways to report concerns.</p>	<p>I know how search engines rank search results.</p> <p>I know it is important to check the reliability of information sources found online.</p>	<p>I can confidently and reliably search for information.</p> <p>I can critique information found online.</p> <p>I can create a bank of reliable and trustworthy sites to support my learning.</p>	
Information Technology	<p>I can collect, organise and present data and information in digital content.</p> <p>I can create digital content to achieve a given goal through combining software packages and internet services to communicate with a wider audience e.g. blogging.</p> <p>I can make appropriate improvements to solutions based on feedback received, and can comment on the success the solution.</p>	<p>I can make judgments about digital content when evaluating and repurposing it for a given audience.</p> <p>I know the audience when I am designing and creating digital content.</p> <p>I know the potential of information technology for collaboration when computers are networked.</p> <p>I can use criteria to evaluate the quality of solutions and can identify improvements making some refinements to the solution, and future solutions.</p>	<p>I can evaluate the appropriateness of digital devices, internet services and application software to achieve given goals.</p> <p>I can recognise ethical issues surrounding the application of information technology beyond school.</p> <p>I can design criteria to critically evaluate the quality of solutions, I can use the criteria to identify improvements and can make appropriate refinements to the solution.</p>	<p>I can justify the choice of and independently combine and I use multiple digital devices, internet services and application software to achieve given goals.</p> <p>I can evaluate the trustworthiness of digital content and consider the usability of visual design features when designing and creating digital artefacts for known audience.</p> <p>I can design criteria for users to evaluate the quality of solutions, and can use the feedback from users to identify improvements and can make appropriate refinements to the solution.</p> <p>I can identify and explain how the use of technology can impact on society.</p>	

Year 9 Computer Crime

	Acquiring	Developing	Securing	Mastering	Mastering +
Communication & Networks	<p>I know the difference between the internet and internet service e.g. world wide web.</p> <p>I can show an awareness of, and can use a range of internet services e.g. VOIP.</p> <p>I know what is acceptable and unacceptable behaviour when using technologies and online services.</p>	<p>I know how to effectively use search engines, and I know how search results are selected, including that search engines use 'web crawler programs'.</p> <p>I can use, select and combines internet services.</p> <p>I can show responsible use of technologies and online services, and I know a range of ways to report concerns.</p>	<p>I know how search engines rank search results.</p> <p>I know it is important to check the reliability of information sources found online.</p>	<p>I can use technologies and online services securely, and I know how to identify and report inappropriate conduct.</p>	<p>Working above a mastering level</p>
Information Technology	<p>I can collect, organise and present data and information in digital content.</p> <p>I can create digital content to achieve a given goal through combining software packages and internet services to communicate with a wider audience e.g. blogging.</p> <p>I can make appropriate improvements to solutions based on feedback received, and can comment on the success the solution.</p>	<p>I can make judgments about digital content when evaluating and repurposing it for a given audience.</p> <p>I know the audience when I am designing and creating digital content.</p> <p>I know the potential of information technology for collaboration when computers are networked.</p> <p>I can use criteria to evaluate the quality of solutions and can identify improvements making some refinements to the solution, and future solutions.</p>	<p>I can evaluate the appropriateness of digital devices, internet services and application software to achieve given goals.</p> <p>I can recognise ethical issues surrounding the application of information technology beyond school.</p> <p>I can design criteria to critically evaluate the quality of solutions, I can use the criteria to identify improvements and can make appropriate refinements to the solution.</p>	<p>I can justify the choice of and independently combine and I use multiple digital devices, internet services and application software to achieve given goals.</p> <p>I can evaluate the trustworthiness of digital content and consider the usability of visual design features when designing and creating digital artefacts for known audience.</p> <p>I can design criteria for users to evaluate the quality of solutions, and can use the feedback from users to identify improvements and can make appropriate refinements to the solution.</p> <p>I can identify and explain how the use of technology can impact on society.</p>	<p>Working above a mastering level</p>

Year 9 Animation

	Acquiring	Developing	Securing	Mastering	Mastering +
Communication & Networks	<p>I know the difference between the internet and internet service e.g. world wide web.</p> <p>I can show an awareness of, and can use a range of internet services e.g. VOIP.</p> <p>I know what is acceptable and unacceptable behaviour when using technologies and online services.</p>	<p>I know how to effectively use search engines, and I know how search results are selected, including that search engines use 'web crawler programs'.</p> <p>I can use, select and combines internet services.</p> <p>I can show responsible use of technologies and online services, and I know a range of ways to report concerns.</p>	<p>I know how search engines rank search results.</p> <p>I know it is important to check the reliability of information sources found online.</p>	<p>I can use technologies and online services securely, and I know how to identify and report inappropriate conduct.</p>	<p>Working above a mastering level</p>
Information Technology	<p>I can collect, organise and present data and information in digital content.</p> <p>I can create digital content to achieve a given goal through combining software packages and internet services to communicate with a wider audience e.g. blogging.</p> <p>I can make appropriate improvements to solutions based on feedback received, and can comment on the success the solution.</p>	<p>I can make judgments about digital content when evaluating and repurposing it for a given audience.</p> <p>I know the audience when I am designing and creating digital content.</p> <p>I know the potential of information technology for collaboration when computers are networked.</p> <p>I can use criteria to evaluate the quality of solutions and can identify improvements making some refinements to the solution, and future solutions.</p>	<p>I can evaluate the appropriateness of digital devices, internet services and application software to achieve given goals.</p> <p>I can recognise ethical issues surrounding the application of information technology beyond school.</p> <p>I can design criteria to critically evaluate the quality of solutions, I can use the criteria to identify improvements and can make appropriate refinements to the solution.</p>	<p>I can justify the choice of and independently combine and I use multiple digital devices, internet services and application software to achieve given goals.</p> <p>I can evaluate the trustworthiness of digital content and consider the usability of visual design features when designing and creating digital artefacts for known audience.</p> <p>I can design criteria for users to evaluate the quality of solutions, and can use the feedback from users to identify improvements and can make appropriate refinements to the solution.</p> <p>I can identify and explain how the use of technology can impact on society.</p>	<p>Working above a mastering level</p>