	AO1	AO2	AO3	AO4	AO5
	Planning & Algorithms	**Software Techniques**	**Testing and Evaluating**	**Technical Knowledge**	**Programming & Development**
Excellent	1. My comments also include reasons why I have used these techniques. 4. My plan is clear and detailed enough for someone else to be able to create my app without help.	2. I can create professional documents using consistent styles, a range of appropriate media and a wide range of document features. 4. I can independently use appshed tools to create an app with a wide range of content.	1. I can independently use 'cheat sheets' and/or the internet to research and solve problems I have had with my code. 4. My evaluation is also detailed, well organised and presented with no spelling and grammar errors.	2. I have an excellent understanding of cyber security risks and how to keep myself and others safe online. 3. I have an excellent understanding of why and how computers use binary for numbers, characters, images and sound.	1. I can independently create code using a wide range of techniques with minimal help. 2. I am confident answering questions about Python programming and can create fully accurate code solutions to problems. 4. I have independently used tutorials to get 2 different coded solutions working in my app.
Proficient	1. I have added detailed comments showing I have a good understanding of what my code does. 4. My plan gives clear consideration of the content and navigation for each screen.	2. I can create well organised documents using some consistent styles, a range of appropriate media and some document features. 4. I can independently use appshed tools to create an app with a range of content.	1. My code all works well with few if any errors. 4. My evaluation shows an excellent understanding of the purpose and audience of my app and of how it could be further improved.	2. I have a proficient understanding of cyber security risks and how to keep myself and others safe online. 3. I have a proficient understanding of why and how computers use binary and can perform a range of conversions confidently.	1. I can create code using a wide range of techniques, sometimes needing help. 2. I am confident answering questions about Python programming and can create code solutions to problems. 4. I have coded a working solution in my app.
Developing	1. I have added comments explaining the main parts of my code. 4. I can create a detailed plan that clearly matches the finished product.	2. I can create documents using a range of appropriate media to suit the purpose and audience and some document features. 4. I can accurately use a variety of appshed tools, using skills guides to help me.	1. My code all mostly works with some errors. 4. I can evaluate my work in detail and suggest valid improvements that could be made, giving reasons.	2. I have a developing understanding of cyber security risks and how to keep myself and others safe online. 3. I have a developing understanding of why and how computers use binary and can perform more than one type of data conversion.	1. I can create code using a range of techniques with help. 2. I can correctly answer questions about Python programming and attempt code solutions to problems. 4. I have attempted to include some coding in my app.
Acquiring	1. I have added simple comments explaining my code. 4. I can plan an app that gives some idea of what the finished product will look like.	2. I can create simple documents using appropriate media to suit the purpose and audience. 4. I can use a variety of appshed tools with some help.	1. My code has frequent errors. 4. I can evaluate my work and suggest valid improvements that could be made.	2. I have a basic understanding of cyber security risks and how to keep myself and others safe online. 3. I have a basic understanding of why and how computers use binary and can perform simple data conversions.	1. I can create simple code solutions with help. 2. I can correctly answer some questions about Python programming. 4. My app contains the default code provided.