

IT & COMPUTING

<p>Platinum</p>	<p>I understand a range of ways to use technology safely, respectfully, responsibly and securely, including protecting my online identity and privacy; recognise inappropriate content, contact and conduct, and know how to report concerns. Create a professional consistent presentation which uses action buttons. Use the Internet to carry out research to support an argument, giving attention to trustworthiness, design and usability.</p>	<p>I can use block-based programming language to solve computational problems. Explain the difference between forever and repeat. Create a flowchart and/or pseudocode. Provide a detailed evaluation, suggesting improvements and responding to these improvements.</p>	<p>Understand what a computer system consists of and identify the various different input, storage and output devices. Be able to identify the various different hardware components of a computer and their uses. Identify the difference between hardware and software.</p>	<p>Understand the use of spreadsheet software to model real world situations, I can: Use more complex functions and formula, e.g. COUNTIF, IF, etc. Apply the correct formatting to cells. Apply conditional formatting and data validation. Create a table and chart with the appropriate title and axis. Use absolute and relative cell referencing appropriately.</p>	<p>Know the purpose of an If . Else condition. Understand the purpose of == and indentation within the code. Correctly order the code required for If ... Else conditions. write a plan for their chatbox logic, gain feedback and act upon that feedback in order to improve their plan. Understand the type of feedback that would be considered appropriate or inappropriate in relation to another student's work</p>
<p>Gold</p>	<p>Understand a range of ways to use technology safely, respectfully, responsibly and securely, including protecting my online identity and privacy. Create a professional presentation, which uses animations and transitions. Use the Internet to carry out research to support an argument, giving attention to trustworthiness.</p>	<p>I can use block-based programming language to solve computational problems, I can create a storyboard and simple flowchart. Use complex code 'repeat' and 'if' Use the repeat script Create a condition and test it works correctly.</p>	<p>Identify the different hardware components and know the difference between hardware and software.</p>	<p>Understand the use of spreadsheet software to model real world situations, I can: Format appropriately including changing column widths, merge and centre and currency formatting. Use AutoFill to replicate formulae. Model data to get answers out of a spreadsheet. Create a working spreadsheet without guidance.</p>	<p>Use the + symbol is used to concatenate text and values. Write a program which asks a question, expects a response and then outputs a tailored reply. Correctly order the code required for If ... Else conditions with help. Able to take on board feedback from other students and identify where Improvements can be made.</p>
<p>Silver</p>	<p>Understand a range of ways to use technology safely, respectfully, responsibly and securely, including protecting my online identity and privacy. Created a professional presentation to aid in explanation to the target audience. Use the Internet to carry out suitable research.</p>	<p>I can use block-based programming language to solve computational problems, Plan and create a game using a storyboard. I can create simple blocks of code. I can create simple variables I can use the keyboard to control my character.</p>	<p>Identify the different input and output devices. State what the difference hardware components are and explain what they are used for with help. Outline the difference between hardware and software.</p>	<p>Understand the use of spreadsheet software to model real world situations. Apply basic formatting to a spreadsheet. Use some functions SUM, AVERAGE, MIN and MAX Use the > and < operators in a formula correctly. Create a spreadsheet with limited guidance.</p>	<p>Clearly explain the purpose of variables and values. Use the input function to ask a user to input a response to a question. Construct the structure of a simple chatbot program. Provide sensible and constructive feedback when assessing a peer's work.</p>
<p>Bronze</p>	<p>Understand a range of ways to use technology safely, respectfully, responsibly and securely. Use presentation software. Use the Internet to carry out research</p>	<p>I can use block-based programming language to solve computational problems, Plan and create a game using a storyboard. I can create simple blocks of code.</p>	<p>State which is an input and output. Name the computer components. State what is hardware and what is software.</p>	<p>Understand the use of spreadsheet software to model real world situations, I can: Sort a spreadsheet and apply a basic filter with help. Enter data into a spreadsheet and identify cell references correctly</p>	<p>Write and run a simple computer program. Recognise simple errors in a program and know how to fix them. Understand the importance of planning before beginning to write programming code. Provide feedback what assessing a peer's work.</p>