

Computing Systems					
Year 1 - Technology around us	To use a mouse and keyboard	To identify examples of technology and how they can help us	To identify a piece of equipment to do a job	<i>To know how to use technology safely</i>	
Year 2 - Information technology around us	To describe some uses of computers	To recognise and identify the features of information technology in and out of school	To understand how information technology can help us	<i>To know how to use information technology safely</i>	
Year 3 - Connecting Computers	To describe what an input is and how a process acts on the input	To explain that an output is produced by the process and how changing the process can affect the output	To recognise that a digital device is made up of several parts and can be connected to each other.	To identify how devices in a network are connected and explain how it can be used to share information	To explain the role of a switch server and wireless access point
Year 4 - The internet	<i>To recognise the need for security on the internet</i>	To describe how to access the World Wide Web	To explain that the internet enables us to view the World Wide Web	To explain the benefits of the World Wide Web	<i>To evaluate the reliability of content and the consequences of unreliable content.</i>
Year 5 - Systems and searching	To describe the input and output of a search engine and that different search terms produce different results	To explain the role of the web crawlers in creating an index and to explain how search results are selected	To explain that ranking orders search results make them more useful and how ranking is determined by rules	To recognise inputs, processes and outputs in large IT systems and their roles in their lives	To use search engines to get the most effective results
Year 6 - Communication and collaboration	To recognise and explain that connections between computers allow access to shared store files	To recognise computers connected to the internet allow people in different places to work together and how we can use that in our lives	To understand different methods of online communication and collaboration for given purposes	<i>To decide what you should and should not share online</i>	<i>To explain that communicating and collaboration using the internet can be public or private</i>

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