

Department:	Computing
Scheme of Learning Number:	2
Scheme of Learning Title:	Hardware and Software
Key Learning:	<p>Students will learn to identify the development of computers over time and imagine how they could advance in the future.</p> <p>Students are to be able to explain the differences between hardware and software. To complete this students are given hands on experience at take apart a computer. Students must reflect on this time to enable them to identify the difference components and their functions.</p> <p>Students learn how to identify an input and output device as well as researching networks; their advantages and disadvantages.</p>
Assessment:	Assessment will be an online assessment which will include multiple choice questions, scenarios and comparisons at the end of the scheme of learning. Students will be assessed throughout the project, through marking, peer assessment and self-assessment.
Key Words:	<p>Input – data being sent to the computer</p> <p>Output – data being transferred out of the computer</p> <p>Hardware – physical components of a computer or electronic system</p> <p>Software – the programs and other operating information used by a computer</p> <p>Network –a set of computers connected together for the purpose of sharing resources. The most common resource shared today is connection to the Internet. Other shared resources can include a printer or a file server.</p>
Useful Websites:	http://www.bbc.co.uk/schools/gcsebitesize/ict/datacomm/
Ways to Support Your Child at Home:	If you have a broken old computer, ask your child to take it apart and show you what they have learnt. Relate the importance of computing in the real world. Do you use computers in your job? What for?