

	Content	Notes
Term 1	<p>ICT types of system and their uses.</p> <p>Hardware: inputs, outputs, processing and storage.</p> <p>Software: applications and System.</p> <p>Select appropriate ICT systems for user needs.</p>	<p>Students should:</p> <ul style="list-style-type: none"> • be able to select appropriate systems, devices, and software for a given task. • be able to justify their choices in terms of the requirements of the task • have the opportunity to see and use a range of systems, other than a standard PC.
Term 2	<p>Linking of ICT devices</p> <p>Networks: types, components and benefits.</p> <p>Network security</p> <p>Risks to data – deletion, damage.</p> <p>Ways to secure data – backups, passwords, access</p> <p>Facilities and services on Intranets.</p>	<p>Students should:</p> <ul style="list-style-type: none"> • be able to select appropriate systems, devices, and software for making a network for a given situation • be able to justify their choices in terms of the requirements of the task • have the opportunity to see and use an intranet • have the opportunity to connect devices together • have an understanding of the security implications of connecting devices together • have an understanding of the benefits of connecting devices together.
Term 3	<p>Connecting to the internet.</p> <p>The internet – services</p> <p>Internet safety and security.</p> <p>Risks to data: viruses</p> <p>Security of data: anti-virus software, firewalls.</p>	<p>Students should:</p> <ul style="list-style-type: none"> • have an understanding of the security implications of connecting a device to the internet • know how to keep themselves and others safe while using the internet • be able to select appropriate systems, devices, and software for making a connection to the internet for a given purpose • be able to justify their choices • have the opportunity to set up an internet connection • have the opportunity to use a range of internet services.
Term 4	<p>The impact of ICT on individuals, organisations and society, Legal issues</p> <p>Legal constraints</p> <p>Health and safety</p>	<p>Students should:</p> <ul style="list-style-type: none"> • have an understanding of how ICT affects them personally and how it affects other individuals • have an understanding of how ICT affects organisations that they belong to and how it affects other organisations • have an understanding of how ICT affects their own community and society as a whole • have an understanding of health and safety issues which arise from the use of ICT • have an understanding of the legal issues that affect the

		<p>use of ICT, and be aware that laws relating to the use of ICT vary between countries</p> <ul style="list-style-type: none"> • know about the legal constraints that apply to the use of information.
<p>Term 5</p>	<p>File management. Select appropriate sources and information that matches requirements. Search techniques. Selection of appropriate Software. Refine and evaluation of information solutions</p>	<p>Students should be able to:</p> <ul style="list-style-type: none"> • select appropriate sources of information • conduct searches to find information • extract relevant information from a source • critically compare sources of information • evaluate information sources in terms fitness for purpose • organise information • present information in an appropriate way for a given purpose • evaluate their own performance and that of others.