

**ICT Legacy at Cox Green 2016-2017
Curriculum Plan
Key Stage 4
Year 11 GCSE**

Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Unit 2 2015 Analysis and Design	Implementation Spreadsheet work. DTP, Mock	Testing, Evaluation Report and Evaluation	Unit 1 Theory	Unit 1 Theory	Course ends in May
<p>Software: Spreadsheets and modeling software.</p> <p>Spreadsheets and modeling. Types of data (Common to spreadsheets and databases). Know about formatting a variety of cell types. Describe the use of a range of specific features of spreadsheet software that enter, develop and organise numerical information that is fit for purpose.</p>	<p>Software: Publisher: creating booklets.</p> <p>Creating spreadsheets Understand the use of a range of common formulae and functions, relative and absolute cell references</p> <p><i>Functions: COUNT and LOOKUP</i> Describe how a model may be used to answer 'what if' questions and explain the benefit of being able to answer such questions using a model.</p>	<p>Software: E-mail and Social networking software.</p> <p>Understand the role of an ISP and commonly used Internet protocols. Understand that e-mail software used should include features that allow a user to create, access, read and respond appropriately to e-mails. Explain the advantages/ disadvantages of using social networking sites.</p>	<p>Software: Data logging and control software.</p> <p>Identify different types of sensor and suitable uses for them Understand the process of data logging Identify the advantages and disadvantages of computerised data logging rather than logging data manually. Describe the main components of the control-feedback loop of a closed system: input, process, output, feedback, identifying a typical application using physical variables.</p>	<p>Legal issues. Data Protection Act. Computer Misuse Act. Health and Safety issues at work. Describe the main aspects of the Data Protection Act and any subsequent amendments, know that there is a requirement to register. Understand the Personal data guardianship code. Describe the purpose of the Computer Misuse Act. Explain measures which must be taken in order to protect against hacking. Describe a range of safety issues related to</p>	

<i>SMSC/ British Values:</i>	<i>SMSC/ British Values:</i>	<i>SMSC/ British Values:</i>	<i>SMSC/ British Values:</i>	<i>SMSC/ British Values:</i>	using computers.	
Enrichment/Extra Curriculum: <ul style="list-style-type: none"> <i>We run additional workshops to develop skills during the Computer Club and link to a number of businesses including the O2 and CISCO Challenge.</i> 						