

KS3 ICT Curriculum 2016-17

	Year 7	Year 8	Year 9
Term 1	<p style="text-align: center;">E-Safety</p> <p>Social media safety, producing a PowerPoint presentation</p>	<p style="text-align: center;">E-Safety</p> <p>Viruses, E-Mail safety, Passwords security, Evaluating websites for reliability and safety.</p>	<p style="text-align: center;">OCR Cambridge Nationals ICT R005</p> <p>This is a mock Cambridge National unit, teaching and testing the skills needed to complete the GCSE coursework. This unit is based on Interactive products.</p>
Term 2	<p style="text-align: center;">Newsletter</p> <p>Publisher skills, producing a newsletter on a given subject, layout, good and bad examples</p>	<p style="text-align: center;">Newspaper</p> <p>Working as a team to produce a newspaper, flowing text, layering, grouping, background removal.</p>	
Term 3	<p style="text-align: center;">Spreadsheets</p> <p>Basic layout, formulae, spreadsheet conventions, graphs and charts, hypothesis testing</p>	<p style="text-align: center;">Spreadsheets</p> <p>Using multiple sheets, hyperlinks, advanced formulae, If and Then statements, Goal seek and Max min formulae.</p>	<p style="text-align: center;">OCR Cambridge Nationals ICT R003/R004</p> <p>These are practice tasks for R003 and R004, this will enable pupils to tackle the OCR tasks in Year 10 and 11. The tasks are Spreadsheet and Database tasks.</p>
Term 4	<p style="text-align: center;">Web design</p> <p>Basic design, colour, layout, tables. Evaluate websites for design, colour layout</p>	<p style="text-align: center;">Web design</p> <p>Using CSS, hyperlinks, copyright rules, advanced features. Purpose and audience</p>	
Term 5	<p style="text-align: center;">Flowol</p> <p>Introduction to programming, using flow diagrams and algorithms.</p>	<p style="text-align: center;">Code Academy</p> <p>Programming using scripting, iteration and variables.</p>	<p style="text-align: center;">OCR Cambridge Nationals ICT Theory</p> <p>Theory work to support the exam that will take place in Year 11.</p>
Term 6	<p style="text-align: center;">Micro:bits</p> <p>Using Micro:Bits to learn about coding; abstraction and various languages</p>	<p style="text-align: center;">Python</p> <p>Using Code Academy to introduce pupils to Python.</p>	

KS4 ICT Curriculum 2016-17

	Year 10 ICT	Year 11 ICT
Term 1	<p style="text-align: center;">OCR Cambridge Nationals ICT R002</p> <p style="text-align: center;">This is a mock Cambridge National unit, teaching and testing the skills needed to complete the GCSE coursework. This unit is based on Business practices and software use.</p>	<p style="text-align: center;">OCR Cambridge Nationals ICT R003/R004</p> <p style="text-align: center;">Introduction to Spreadsheet / Database tasks. Practice skills needed for the board set task.</p>
Term 2	<p style="text-align: center;">OCR Cambridge Nationals ICT R002</p> <p style="text-align: center;">Understanding Computer Systems</p> <p>As the first mandatory unit and a foundation for other units you will study in the future, this unit will give you a solid base to develop knowledge and understanding of computer systems and the implications of working with data to enable you to use computers effectively.</p>	<p style="text-align: center;">OCR Cambridge Nationals ICT R003 / R004</p> <p style="text-align: center;">Handling data using Spreadsheets Handling data using Databases</p>
Term 3		<p style="text-align: center;">This is the final optional unit, pupils will be expected to follow the OCR board set task to create a working system that fulfils the criteria.</p>
Term 4	<p style="text-align: center;">PowerPoint</p> <p style="text-align: center;">Refresher course on interactive features used in PowerPoint</p>	<p style="text-align: center;">They can solve the task in any way they see fit, this can be guided by but not taught by the Teacher.</p>
Term 5	<p style="text-align: center;">OCR Cambridge Nationals ICT R005</p> <p style="text-align: center;">Creating an interactive product using multimedia components</p>	<p style="text-align: center;">OCR Cambridge Nationals ICT R001</p> <p style="text-align: center;">Past papers and preparation for the scenarios in the exam.</p>
Term 6	<p>You will be able to develop and demonstrate your creative flair by combining multimedia components to create a vibrant, energetic or stimulating webpage or interactive product.</p>	STUDY LEAVE