

## ICT/CS Learning Programme

### Curriculum Intent:

- To teach students to become independent learners using Computer Technology.
- To ensure that everyone is up to date with current and future Technology by being computer literate.
- To ensure that all students are able to communicate information effectively whilst using ICT.

Y7	Y8	Y9	Y10	Y11
o Computer Safety	o Photoshop- Editing	o Computer Hardware & Software	o OCR Cambridge Nationals Creative iMedia J834	o GCSE (9-1) OCR Computer Science J277
o Comics	o Networks	o Algorithms	Students will have the opportunity to study the following units: 1. R093- Creative iMedia in the media industry 2. R094- Visual Identity and digital graphics 3. R097-Interactive digital media	
o Data Representation	o Data Representation	o Food Festival -Graphics Design	1. Computer Systems – (Written paper) 2. Computational thinking algorithms and programming (Written paper)	
o Networks	o Internet Safety	o Food Festival- Interactive Multimedia		
o Scratch	o Cinema Modelling System	o Impact of Computer Science- Ethical, Social and Legal		

### Resources to support your child

o Scratch software online	Websites to use: <ul style="list-style-type: none"> <li>o <a href="https://codecombat.com/">https://codecombat.com/</a></li> <li>o <a href="https://hourofcode.com/uk/learn">https://hourofcode.com/uk/learn</a></li> <li>o <a href="https://etonx.com/course/coding-games-with-python/#study-options">https://etonx.com/course/coding-games-with-python/#study-options</a></li> <li>o <a href="https://www.codecademy.com/learn/learn-html">https://www.codecademy.com/learn/learn-html</a></li> </ul>	o CGP Revision Guides for Computer Science and Creative iMedia – (x2).
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