

## IT Curriculum Map

	<b>Autumn</b>	<b>Spring</b>	<b>Summer</b>
<b>Year 7</b>	Kodu – visual programming language (Computer Science) Esafety (Digital Literacy)	Introduction to Binary (Computer Science) Flowol (Computer Science)	Introduction to Spreadsheets (Information Technology, Computer Science)
<b>Year 8</b>	Networks (Computer Science) Computer crime and Cyber security (Digital Literacy)	Websites and HTML (Information Technology, Computer Science and Digital Literacy)	Database Development (Information Technology, Digital Literacy and Computer Science)
<b>Year 9</b>	Computational thinking (Information Technology, Digital Literacy and Computer Science) Binary (Computer Science)	Logic Gates (Computer Science) Python (Computer Science)	Advanced Spreadsheets (Information Technology, Digital Literacy)
<b>Year 10</b>	R013 Coursework unit and basis for Examination learning	R013 Coursework unit and basis for Examination learning	R013 Coursework unit and basis for Examination learning
<b>Year 11</b>	R002 (Coursework) – Using ICT to Create Business Solutions R001 (Exam unit) – Understanding Computer Systems	R001 (Exam January) R004 (Coursework) – Handling Data Using Databases	R004 (Coursework) - Handling Data Using Databases
<b>Year 12</b>	Unit 1 (Exam 90 GLH) Fundamentals of IT	Unit 1 exam Unit 21 (Coursework) Web Design and Prototyping  Unit 8 (Coursework) Project Management	Unit 21 (Coursework) Web Design and Prototyping  Unit 8 (Coursework) Project Management

<b>Year 13</b>	Unit 2 (Exam 90 GLH) Global Information	Unit 2 exam Unit 7 (Coursework) Data Analysis and Design	Unit 7 (Coursework) Data Analysis and Design
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## Useful Links

Website links to subject information and courses

OCR Level 3 Cambridge Technical Introductory Diploma in IT

<http://www.ocr.org.uk/qualifications/vocational-education-and-skills/cambridge-technicals-it-level-3-certificate-extended-certificate-introductory-diploma-foundation-diploma-diploma-05838-05842-2016-suite/>

OCR Level 1/ 2 Cambridge National Certificate in Information Technologies

<http://www.ocr.org.uk/qualifications/vocational-education-and-skills/cambridge-nationals-information-technologies-level-1-2-j808/>

OCR Level 1/ 2 Cambridge National Certificate in ICT

<http://www.ocr.org.uk/qualifications/cambridge-nationals-ict-level-1-2-j800-j810-j820/>

## KS4 Specification Information

OCR Cambridge National Certificate in Information Technologies and OCR Level 1/ 2 Cambridge National Certificate in ICT

### Year 10

OCR Level 1/ 2 Cambridge National Certificate in Information Technologies (120 GLH)

1 Examination unit and 1 Coursework unit . Both units are equally weighted

<http://www.ocr.org.uk/qualifications/vocational-education-and-skills/cambridge-nationals-information-technologies-level-1-2-j808/>

### Year 11

OCR Level 1/ 2 Cambridge National Certificate in ICT (120 GLH)

Consists of 3 Pieces of coursework and 1 Exam. All units are equally weighted

<http://www.ocr.org.uk/qualifications/cambridge-nationals-ict-level-1-2-j800-j810-j820/>

## KS5 Specification Information

OCR Level 3 Cambridge Technical Introductory Diploma in IT (360 GLH)

This course consists of 2 X 90 GLH examined units and 3 X 60 GLH Coursework units

<http://www.ocr.org.uk/qualifications/vocational-education-and-skills/cambridge-technicals-it-level-3-certificate-extended-certificate-introductory-diploma-foundation-diploma-diploma-05838-05842-2016-suite/>

## Where will this Subject take me?

Higher Education pathways and Careers

The qualification will enable learners to acquire a range of transferable skills and knowledge which are highly regarded by higher education providers and employers. It has UCAS tariff points and provides a good grounding for progression to university to take one of many relevant degree programmes, for example: Computing and ICT; Computing Science; Software Developments; Software Engineering; ICT and Computer Networks; Business Information Systems.