

IT Curriculum Map

	Autumn	Spring	Summer
Year 7	Kodu – visual programming language (Computer Science) Esafety (Digital Literacy)	Introduction to Binary (Computer Science) Flowol (Computer Science)	Introduction to Spreadsheets (Information Technology, Computer Science)
Year 8	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)
Year 9	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)
Year 10	R013 Coursework unit and basis for Examination learning	R013 Coursework unit and basis for Examination learning	R013 Coursework unit and basis for Examination learning
Year 11	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
Year 12	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

Year 13	Unit 2 (Exam 90 GLH) Global Information	Unit 2 exam Unit 7 (Coursework) Data Analysis and Design	Unit 7 (Coursework) Data Analysis and Design
----------------	---	--	---

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.