Computing and ICT Curriculum Map 2025-26

Our curriculum…

	Autumn Term 2025		Spring Term 2026		Summer Term 2026	
Term	Term 1a	Term 1b	Term 2a	Term 2b	Term 3a	Term 3b
Weeks	1 2 3 4 5 6 7 8	9 10 11 12 13 14 15	16 17 18 19 20 21	22 23 24 25 26	27 28 29 30 31 32	33 34 35 36 37 38 39
Year 7	E-Safety: Protecting your personal information and keeping safe online.	Computational Thinking: Understand problems and develop possible solutions	Scratch Programming: Writing computer code in a visual programming language to solve problems		Inside a Computer: Functions of different parts of a computer system	Database Creation: Explore Access tools used to store and manipulate data
Year 8	Cyber Security: This unit takes learners on a journey of discovery of techniques that cybercriminals use to steal data, disrupt systems, and infiltrate networks.	Binary: How computers use binary to process data	Python Programming: Writing computer code in a text-based programming language to solve problems		Computer Networks: Types of computer networks and network hardware	App Development: Design and create a mobile app which can be used on a smartphone
Year 9 Core	Python Programming	Python Programming + Careers	Spreadsheet Skills	PowerPoint Skills	Word Skills	Idea Award
Year 9 Option CS & IT	BTEC Unit 3- Modern Technologies LAA Unit 1 System Architecture and Unit 2 CS Assessments - Computational Thinking + 2.2 Programming basics	BTEC Unit 3- Modern Technologies LAA Unit 1 Primary Storage and Unit 2 CS Assessments - 2.2 Programming skills	BTEC Unit 1 - LABC: User interface lessons Unit 2 Secondary Storage and Unit 2 CS Assessments - 2.2 Programming skills	BTEC Unit 1 - Dummy run of unit 1 assignment - Plan virtual tour Unit 2 Storage Data Representation and Unit 2 CS Assessments - 2.2 Programming skills	BTEC Unit 2 - Spreadsheet Skills Unit 2 Storage Data Representation and Unit 2 CS Assessments - 2.2 Programming skills	BTEC Unit 2 - Dummy run of unit 2 assignment - Dashboard Unit 2 Storage Data Representation and Unit 2 CS Assessments - 2.2 Programming skills
Year 10 CS & IT	BTEC Unit 1 Component Recap Lessons - Start Live brief ----CS Unit 1 Computer Networks, connections and Protocols and Unit 2 CS Assessments - 2.2 Advanced Techniques	BTEC Unit 1 ComponentLive Brief----Unit 1 Computer Networks, connections and Protocols and Unit 2 CS Assessments - 2.2 Advanced Techniques	BTEC Unit 2 recap spreadsheet skills for NEA CS - Unit 1 Computer Networks, connections and Protocols and Unit 2 CS Assessments - 2.2 Advanced Techniques + Make it stick activities	BTEC Unit 2 Component-BTEC - Start live brief and complete component Unit 1 and 2 CS Mock Prep	BTEC Unit 2 Component complete live brief--Unit 1 and 2 CS Unit 1- 1.4 Network Security and Unit 2 CS Assessments - 2.3 searching and sorting Algorithms	Unit 3 - LAA -BTEC -Modern Technologies --Unit 1 and 2 CS Unit 1- 1.5 System Security and Unit 2 CS Assessments - Programming Project
Year 11	BTEC Unit 3 - LAA -BTEC -Modern Technologies + Assessment----Unit 1 and 2 CS Unit 1- 1.6 Legal, Moral, Ethical issues and Unit 2 CS Assessments - 2.4 Boolean Logic and 2.5 Translators	BTEC Unit 3 - LAA -BTEC -Cyber Security + Assessment - Unit 1 and 2 CS Unit 1- 1.6 Legal, Moral, Ethical issues and Unit 2 CS Assessments - SQL + Programming techniques	Unit 3 - LAA -BTEC -Wider Implications of Technology + Assessment Unit 1 and 2 CS Exam preparation and re-cap	Unit 3 - LAA -BTEC -Flowcharts + Assessment - Unit 1 and 2 CS Re-cap topics, Revision and Make it stick	BTEC Revision---- Unit 1 and 2 CS Re-cap topics, Revision and Make it stick	
Year 12 IT	Unit 1- LO1 Understanding Data Unit 2-The scope of managing big data	Unit 1- LO2 Managing Data and IT Systems Unit 2- LO2 The infrastructure challenges of big data	Unit 1- LO3 How data can be accessed and managed across platforms and LO4 Legal Considerations Unit 2- LO3 Big data, machine learning and artificial intelligence and LO4 Legal and ethical issues in data management	Unit 1- LO5 Job roles, skills and attributes in data analytics Unit 2- LO5 Environment and Society	Unit 1- Revision Unit 1 exam Unit 2- Revision Unit 2 exam,	Start NEA coursework
Year 12 CS	Unit 1- 4 week assessment and 1.1 Processors (1.1.3, 1.1.1, 1.1.2) Unit 2- 4 week assessment and 2.2.1 Programming Techniques	Unit 1- 1.1 Processors, 1.2.4 Programming Languages and 1.2.1 System Software Unit 2- 2.2.1 and PythonSkills and OOP (with Mock 1)	Unit 1- 1.2.1 System Software, 1.2.2 Application Generation and 1.2.3 Software Development Unit 2- Python Skills and OOP (with Mock 2), and Python Skills Assessment	Unit 1- 1.2.3 Software Development and 1.3.4 Web Technologies Unit 2- Additional Python Skills and 2.1 Elements of Computational Thinking Unit 3- Introduction Project Plan and Research (Analysis)	Unit 1- 1.3.4 Web Technologies Unit 2- 2.2.2 Computational Methods Unit 3- Start Analysis and Analysis (first)	Unit 1- Mock exam Unit 2- 2.2.2 Computational Methods and Mock Exam Unit 3- Analysis (final) and Design (first draft)
Year 13 IT	Unit 8- Coursework Documents (M1, P3, D2, P4) and Start M2	Unit 8- Coursework Documents (M2, P5, D3, P6, M3) Unit 9- Coursework Documents (P4, P5, M3, P6, D2)	Unit 3- LO1 Term Cyber Security and LO2 Issues surrounding Unit 8 and 9- Improvements and Final Project deadline	Unit 3- LO3 Protect against Incidents and LO4 Manage Incidents	Unit 3- Mock exam and Revision	Unit 3- Revision
Year 13CS	Unit 1- 1.4.1 Data Types and 1.4.3 Boolean Algebra Unit 2- OOP Review and 1.4.2 Data Structures Unit 3- Design (final), Development (review)	Unit 1- 1.4.3 Boolean Algebra, 1.3.1 Compression and 1.3.2 Databases Unit 2- 1.4.2 Data Structures Unit 3- Development (first and final) and Evaluation (final)	Unit 1- Mock Prep and Mock, 1.3.3 Networks Unit 2- Mock Prep and Mock, 2.3 Algorithms Unit 3- Improvements and Final Project deadline	Unit 1- 1.3.3 Networks and Databases Unit 2- 2.3 Algorithms	Unit 1- Revision Unit 2- Revision	Unit 1- Revision Unit 2- Revision