



*Love of Learning, Opportunity, Resilience, Respect*  
 2024 - 2025 Boston High School Core Computing Curriculum Overview

Year	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
7	Introduction to the School Network and Computer Systems Email Online Safety	Online Safety Binary and Control Data Representation Threats to Technology Adventure Story	Computational Thinking Sequencing Programming the Microbit Ada Lovelace and Women in Computing	Spreadsheets, Data and Modelling Presentation skills	Alan Turing, Coding and Encryption (Bletchley Park) National Museum of Computing History of Computing	Introductory Python
8	Online Safety – Recap Python Programming (Introductory Turtle graphics)	Python Programming (Turtle Graphics + Flags)	Data Representation Internet Research Presentation Skills	Spreadsheet Modelling (Excel)	Web Page Design	App Design
9	Online Safety – Recap Travel App Creation (App inventor)	Travel App Creation Ethical and Cultural Issues Environmental Issues	Computer Systems and Networking Python Programming	Data Representation Computational thinking and Python Programming	PC Architecture and Components	The Internet Web Page Design
10 CORE	<b>Idea Award</b> Online Safety – Recap Microsoft Office Skills Spreadsheet Modelling	<b>Idea Award</b> Microsoft Office Skills Spreadsheet Modelling and Graphs	<b>Idea Award</b> Microsoft Office Skills Databases	<b>Idea Award</b> Ethical and Cultural Issues Environmental Issues PowerPoint Skills	<b>Idea Award</b> Web Page Design	<b>Idea Award</b> Exam Revision
11 CORE	Online Safety – Recap Internet Research Skills Microsoft Office Skills Seneca Learning	Digital Revision Apps Office Presentation skills Seneca Learning	Digital Revision Apps Seneca Learning Smart Revise app	Exam Revision	Exam Revision	

NOTE: The timings may vary due to the needs of individual students and classes but it is envisaged that all classes will cover the curriculum above.