

## Year 10 KS4 ICT 2024-25

AUTUMN TERM 2024	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10	WEEK 11	WEEK 12
Topics	Recap of Python	Advanced Python programming	Advanced Python programming	Intro to other programming languages (e.g., JavaScript, Java)	Building complex programs and applications	Half Term Assessment	Recap of HTML and CSS	Advanced HTML and CSS	Intro to JavaScript for interactive web pages	Developing a fully functional website	Developing a fully functional website	End of Term Test
SPRING TERM 2025	WEEK 13	WEEK 14	WEEK 15	WEEK 16	WEEK 17	WEEK 18	WEEK 19	WEEK 20	WEEK 21	WEEK 22	WEEK 23	WEEK 24
Topics	Understanding computer hardware and software interaction	In-depth study of operating Systems	In-depth study of operating Systems	Intro to virtual machines	Intro to virtual machines	Half Term Assessment	Troubleshooting and problem resolution	Troubleshooting and problem resolution	Problem solving exercise	Problem solving exercise	Head to Head Troubleshooting	End of Term Test
SUMMER TERM 2025	WEEK 25	WEEK 26	WEEK 27	WEEK 28	WEEK 29	WEEK 30	WEEK 31	WEEK 32	WEEK 33	WEEK 34	WEEK 35	
Topics	Advanced database management	Intro to SQL for database querying and management	Building and managing a complex database system	Building and managing a complex database system	Building and managing a complex database system	Half Term Assessment	GCSE - Future expectation	Review of Autumn term's work	Review of Spring term's work	Review of Summer term's work	End of Year Exam	