



HEADLANDS SCHOOL
SINCE 1965

IT Curriculum Overview

This overview document details what students will be studying in this subject area over the course of their time with us and the skills and knowledge they will be covering. Students will be formally assessed across the year and their progress and ATL (Attitude to Learning) will be reported home at the end of each term. Assessments will aim to assess the knowledge and skills a student has covered up to that point in their education, including the curriculum covered in the previous year/s.

Half term	02.09.25 - 23.10.25	03.11.25 - 19.12.25	05.01.26 - 13.02.26	23.02.26 - 26.03.26	13.04.26 - 22.05.26	01.06.26 - 17.07.26
	Autumn 1 - 8 weeks	Autumn 2 - 7 weeks	Spring 1 - 6 weeks	Spring 2 - 5 weeks	Summer 1 - 5 weeks	Summer 2 - 7 weeks
Year 7	Cybersafety • using systems • Digital footprint • Viruses	Cybersafety • using systems • Digital footprint • Viruses	Data representation • Images • Sound • Character sets	Data representation • Images • Sound • Character sets	Programming - Scratch • Variables • Lists • Loops	Programming - Scratch • Variables • Lists • Loops

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	Autumn 1 - 8 weeks	Autumn 2 - 7 weeks	Spring 1 - 6 weeks	Spring 2 - 5 weeks	Summer 1 - 5 weeks	Summer 2 - 7 weeks
Year 8	Computational Thinking & Python • Decomposition • Abstraction • Python Turtle	Computational Thinking & Python • Decomposition • Abstraction • Python Turtle	Computer Hardware • Input & output devices • Components • Storage & memory	Computer Hardware • Input & output devices • Components • Storage & memory	Data Representation • Boolean • Logic Gates • Binary	Data Representation • Boolean • Logic Gates • Binary

Half term	02.09.25 - 23.10.25	03.11.25 - 19.12.25	05.01.26 - 13.02.26	23.02.26 - 26.03.26	13.04.26 - 22.05.26	01.06.26 - 17.07.26
	Autumn 1 - 8 weeks	Autumn 2 - 7 weeks	Spring 1 - 6 weeks	Spring 2 - 5 weeks	Summer 1 - 5 weeks	Summer 2 - 7 weeks
Year 9	Algorithms & Programming • Search & Sort • Variables • Lists • Arrays	Algorithms & Programming • Search & Sort • Variables • Lists • Arrays	Data Representation - Databases • Formulas • Dashboard • Sort & Filter	Data Representation - Databases • Formulas • Dashboard • Sort & Filter	Graphic Design Project • Word Processor • Powerpoint • Graphic Design	Graphic Design Project • Word Processor • Powerpoint • Graphic Design