



CURIOSITY

COMPASSION

COURAGE



Academic outline 2022-23

	Computing					
	Term 1 Aug-Oct	Term 2 Nov-Dec	Term 3 Jan-Feb	Term 4 Mar-Apr	Term 5 Apr-May	Term 6 Jun-Jul
Year 7:	Impact of technology Oak academy lessons 1-6	Modelling data - spreadsheets Oak academy lessons 1-6	Programming essentials in Scratch - part 1 Oak academy lessons 1-6	Using media Oak academy lessons 1-6	Programming essentials in Scratch - part 2 Oak academy lessons 1-6	Networks Oak academy lessons 1-6
Year 8:	Representations Oak academy lessons 1-6	Introduction to Python Oak academy lessons 1-6	Computing systems Oak academy lessons 1-6	Web development Oak academy lessons 1-6	Media - vector graphics Oak academy lessons 1-5	Programming - App development Oak academy lessons 1-6
Year 9:	Python programming Oak academy lessons 1-6	Audiovisual representations Oak academy lessons 1-6	Cybersecurity Oak academy lessons 1-6	Data science Oak academy lessons 1-6	Physical computing Oak academy lessons 1-5	Media – Animations Oak academy lessons 1-6
Year 10: GCSE CS	P1 - Programming: Data types and sequences Oak academy lessons 2-5 P2 - Computer systems Oak academy lessons 1, 4, 5, 6, 7	P1 - Programming: Selection Oak academy lessons 1-6 P2 - Data representation Oak academy lessons 1-5	P1 - Programming: Iteration Oak academy lessons 1-5 P2 – Networks Oak academy lessons 1-6	P1 - Programming: Data structures Oak academy lessons 1-6 P2 – Cybersecurity Oak academy lessons 1-7	P1 - Programming: Structured programming Oak academy lessons 1-6 P2 – Databases Oak academy lessons 1-5	P1 - Programming: Working with data Oak academy lessons 3-6 P2 - Computing issues Oak academy lessons 1-7
Year 10: BTEC DIT	Comp 1: LAA Investigating User Interfaces Mr Aliz Class - LAA	Completion of Comp 1: LAA Mr Aliz Class - LAA Comp 1: LAB Project planning Mr Aliz Class - LAB	Completion of Comp 1: LAB Mr Aliz Class - LAB	Comp 1: LAC Reviewing a project Mr Aliz Class - LAC	Completion of Comp 1: LAC Mr Aliz Class - LAC	Comp 2: LAA Investigating use of data Mr Aliz Class - LAA



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Year 11: GCSE	P1 - Programming: Searching algorithms Oak academy lessons 1-6 P2 – Processing and logic Oak academy lesson 1 Oak academy lessons 8, 2, 3	P1 - Programming: Sorting algorithms Oak academy lessons 7-11 P2 – Images and sound Oak academy lessons 6-9	P1 – Programming: Robust programming Craig n Dave SLR10 P2 – Data compression Craig n Dave SLR13	P1 – Programming: Tackling projects Oak academy lessons 7-12 P1 and P2 – Examination technique	Targeted revision	
Year 11: BTEC DIT	Comp 2: LAB Data dashboard Mr Aliz Class - LAB Comp 3: Impact of modern technologies MrBrownCS	Comp 2: LAC Making recommendations Mr Aliz Class - LAC Comp 3: Cybersecurity MrBrownCS	Comp 3: Wider implications of Technology MrBrownCS	Comp 3: Planning and communication in digital systems MrBrownCS	Targeted revision	