ICT Curriculum Map Overview 2023/24

Please note further information can be found in the ICT curriculum sequencing document

Key Stage 3

KS3 Year 7	Half term 1 Autumn 1	Half term 2 Autumn 2	Half term 3 Spring 1	Half term 4 Spring 2	Half term 5 Summer 1	Half term 6 Summer 2
Topic/content	E-Safety Digital Footprint	Creating algorithms in Flowol	Scratch programming	Scratch programming	Programming Python Turtle	Programming Python Turtle
						MICRO:BIT

KS3 Year 8	Half term 1 Autumn 1	Half term 2 Autumn 2	Half term 3 Spring 1	Half term 4 Spring 2	Half term 5 Summer 1	Half term 6 Summer 2
Topic/content	Hardware and Networks	Hardware and Networks	Computer Graphics – Magazine cover	Cyber security & encryption	Kodu – Computer games coding	Kodu – Computer games coding
		Computer Graphics – Magazine cover	Cyber security & encryption			

KS3 Year 9	Half term 1 Autumn 1	Half term 2 Autumn 2	Half term 3 Spring 1	Half term 4 Spring 2	Half term 5 Summer 1	Half term 6 Summer 2
Topic/content	Data representation	Data representation	Excel booking system	Python programming	Ethical, legal & cultural considerations	Interactive PowerPoint
		Excel booking system	Python programming			

BTEC DIT Curriculum Map Overview 2023/24

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DEYES HIGH SCHOOL

LYDIATE LEARNING TRUST

Key Stage 4

KS4 Year 10	Half term 1 Autumn 1	Half term 2 Autumn 2	Half term 3 Spring 1	Half term 4 Spring 2	Half term 5 Summer 1	Half term 6 Summer 2
Topic/content	Exploring User Interface Design	Exploring User Interface Design	Exploring User Interface Design	Exploring User Interface Design	Collecting, Presenting and Interpreting Data	Collecting, Presenting and Interpreting Data

KS4 Year 11	Half term 1 Autumn 1	Half term 2 Autumn 2	Half term 3 Spring 1	Half term 4 Spring 2	Half term 5 Summer 1	Half term 6 Summer 2
Topic/content	Collecting, Presenting and Interpreting Data	Collecting, Presenting and Interpreting Data	Effective Digital Working Practices	Effective Digital Working Practices	Effective Digital Working Practices - Exam	

Computer Science Curriculum Map Overview

Please note further information can be found in the Computer Science curriculum sequencing document

Key Stage 4

KS4 Year 10	Half term 1 Autumn 1	Half term 2 Autumn 2	Half term 3 Spring 1	Half term 4 Spring 2	Half term 5 Summer 1	Half term 6 Summer 2
Topic/content	Computational Thinking, Programming, and Algorithms. Algorithms Programming fundamentals	Computational Thinking, Programming, and Algorithms. Algorithms Programming fundamentals	Computational Thinking, Programming, and Algorithms	Computational Thinking, Programming, and Algorithms	Computer systems - Systems architecture Memory and storage	Computer systems Memory and storage Computer networks, connections and protocols

KS4 Year 11	Half term 1 Autumn 1	Half term 2 Autumn 2	Half term 3 Spring 1	Half term 4 Spring 2	Half term 5 Summer 1	Half term 6 Summer 2
Topic/content	Computational Thinking, Programming, and Algorithms Programming fundamentals	Computational Thinking, Programming, and Algorithms Programming fundamentals	Computational Thinking, Programming, and Algorithms Producing robust programs	Computer systems Exam Preparation/essential knowledge	Computer systems Preparation/essential knowledge Examination x2	