

Overall Curriculum Map 2019-2020

Subject: Computing

	TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
7	Curriculum Topics E-Safety, Validity & Bias, The Internet Sequencing: esafety	Curriculum Topics Computational Thinking Abstraction Decomposition Algorithms Sequencing: Computational Thinking	Curriculum Topics Using programming constructs in programming Sequencing: Programming	Curriculum Topics Hardware & Software Embedded systems Microbits Sequencing: Hardware	Curriculum Topics Number systems Binary Sequencing: Data systems	Curriculum Topics Creating Algorithms Flowcharts Sequencing: Algorithms
	Assessments: Synoptic Test	Assessments: Synoptic Test	Assessments: Project WIN	Assessments: Project WIN	Assessments: End of year test	Assessments:
	Enrichment:	Enrichment: National Computer Security Day Hour of Code	Enrichment: Safer Internet Day	Enrichment:	Enrichment:	Enrichment: Hour of Code
8	Curriculum Topics E-safety recap Algorithms Advanced Scratch Variables Sequence, Selection & Iteration Sequencing: Responsible Citizen	Curriculum Topics Programming in Python Lists Arrays Sequencing: Programming in a Textual Language	Curriculum Topics Boolean Expressions Logic & Logic Gates Sequencing: Logic	Curriculum Topics Micro python programming Calls, Errors, Documenting code Sequencing: Textual Language programming using programming constructs	Curriculum Topics Data representation Network Security Legislation Sequencing: Communication and Ethics	Curriculum Topics Duke of York Sequencing: Digital Skills
	Assessments: Portfolio WIN	Assessments: Synoptic Test	Assessments: Portfolio WIN	Assessments: Synoptic Test	Assessments: End of year test	Assessments: Bronze certificate

	Enrichment:	Enrichment: National Computer Security Day Hour of Code	Enrichment: Safer Internet Day	Enrichment:	Enrichment:	Enrichment: Duke of York Award
Overall Curriculum Map 2019-2020						
Subject: Computer Science						
9	Curriculum Topics Object Oriented Programming Languages	Curriculum Topics Computing Hardware	Curriculum Topics Python Programming	Curriculum Topics Computational Thinking and Programming	Curriculum Topics Data structures	Curriculum Topics Programming project management
	Sequencing: Object Oriented programming	Sequencing: Hardware	Sequencing: Programming skills	Sequencing: Problem solving	Sequencing: Arrays and data structures	Sequencing: OOP and Python programming
	Assessments: Project WIN	Assessments: Synoptic Test	Assessments: Project WIN	Assessments: Project WIN	Assessments: End of year test	Assessments:
	Enrichment: Crash Course Computer Science	Enrichment: Test & Track Crash Course Computer Science	Enrichment: Crash Course Computer Science	Enrichment: Crash Course Computer Science	Enrichment: Test & Track Crash Course Computer Science	Enrichment:
Homework: MOOC Computer systems and Tests	Homework: Data Types and Numbers & Tests	Homework: Hardware and the Central Processing Units & Test	Homework: Binary & Logic & Tests	Homework: Applications & Systems Software & Tests	Homework: Database and Database management & Tests	
10	Curriculum Topics Organisation and structure of data:	Curriculum Topics Software & Security	Curriculum Topics Problem solving	Curriculum Topics Hardware	Curriculum Topics Ethics and Logical Operators	Curriculum Topics Programming Constructs
	Sequencing:	Sequencing: Hardware	Sequencing: Programming using programming constructs	Sequencing: Hardware (in year 9)	Sequencing: Programming in python	Sequencing: Logic Problem Solving

	Arrays and data structures					Programming Skills
	Assessments: Project WIN	Assessments: Synoptic Test	Assessments: Project WIN	Assessments: Project WIN	Assessments: End of year test	Assessments:
	Enrichment:	Enrichment: Test & Track	Enrichment:	Enrichment: Test & Track	Enrichment: Seneca	Enrichment:
	Homework: Networking & Tests	Homework: HTML & Security & Tests	Homework: Algorithms and Flow Control	Homework: File Types & File Compression & Tests	Homework: Programming Languages & Tests	Homework: Testing & IDE tools & Tests
11	Curriculum Topics Python NEA	Curriculum Topics Component 1 1.1 Hardware 1.2 Architecture 1.3 Inputs & Outputs	Curriculum Topics Java programming tasks	Curriculum Topics Principles of Programming	Curriculum Topics Component 2 Assessment tasks	Curriculum Topics Examinations
	Sequencing: Python programming skills	Sequencing: CPU Architecture	Sequencing: OOP programming	Sequencing: OOP programming	Sequencing: LMC, Java programming	Sequencing:
	Assessments: Project WIN	Assessments: Mock Test	Assessments: Project WIN	Assessments: Mock Test	Assessments: Project WIN	Assessments:
	Enrichment: Achieve Craig & Dave	Enrichment: Achieve Senica Test & Track	Enrichment: Achieve Craig & Dave	Enrichment: Achieve Test & Track Craig & Dave	Enrichment: Achieve Craig & Dave	Enrichment:
	Homework: Cornell Notes Revision Hardware & Networks	Homework: Legislation, Languages, Assemblers, IDES,	Homework: Algorithms & programming Concepts	Homework: Data types and Programming constructs	Homework: Protocols a logic	Homework: Programming

	Homework: The Marketing Mix & Tests	Homework: Sources of Finance & Tests	Homework: Revenue, cost and profit & test	Homework: Cash Flow & Break Even & Tests	Homework: Organising Staff & Tests	Homework: Recruiting Staff & Tests
11	Curriculum Topics Component 2 Developing a Business Scenario Controlled Assessment Sequencing: Component 1	Curriculum Topics Component 2 Developing a Business Scenario Sequencing: Business Plans	Curriculum Topics Component 1 Exam preparation Sequencing: Resource Management	Curriculum Topics Component 2 Developing a Business Scenario resubmission Sequencing: Log Books	Curriculum Topics Sequencing:	Curriculum Topics Sequencing:
	Assessments Project Win	Assessments Project Win	Assessments: Exam	Assessments:	Assessments:	Assessments:
	Enrichment: Achieve	Enrichment: Achieve	Enrichment: Achieve	Enrichment: Achieve	Enrichment: Achieve	Enrichment:
	Homework: Motivation & Tests	Homework: Cornell Revision Notes 1.1.2 - 1.1.4	Homework: Franchising, Marketing Mix and Stakeholders	Homework: Finance	Homework: Economies of Scale and Expansion	Homework: Promotional Mix, Product portfolio and business ethics

Overall Curriculum Map 2019-2020

Subject: Creative iMedia

9	Curriculum Topics	Curriculum Topics	Curriculum Topics	Curriculum Topics	Curriculum Topics	Curriculum Topics
	Sequencing:	Sequencing:	Sequencing:	Sequencing:	Sequencing:	Sequencing:
	Assessments:	Assessments:	Assessments:	Assessments:	Assessments:	Assessments:
	Enrichment:	Enrichment:	Enrichment:	Enrichment:	Enrichment:	Enrichment:
	Homework: What is genre? & Tests	Homework: Analysing genre? & Tests	Homework: What is narrative? & Tests	Homework: Narrative techniques? & Tests	Homework: Target audience & Tests	Homework: Audience appeal & Tests
10	Curriculum Topics Developing Graphical Products	Curriculum Topics Investigating Multimedia Products	Curriculum Topics Developing Interactive Multimedia Products	Curriculum Topics Investigating Multipage Websites	Curriculum Topics Developing Multipage Websites	Curriculum Topics Testing & Reviewing Products
	Sequencing: Software Skills	Sequencing: Software Skills Client briefs	Sequencing: Product Designs Audience Needs	Sequencing: Test Plans Implementation	Sequencing: Investigation Product Designs	Sequencing: Product Developments
	Assessments: WIN/Consolidation	Assessments: WIN/Consolidation	Assessments: WIN/Consolidation	Assessments: WIN/Consolidation	Assessments: WIN/Consolidation	Assessments: WIN/Consolidation Exam
	Enrichment: DoY Graphic Design	Enrichment: DoY User Interfaces	Enrichment: DoY Design Psychology	Enrichment: DoY Making Websites	Enrichment: DoY Junior Web Designer	Enrichment:
	Homework: Research & Tests	Homework: Planning & Tests	Homework: Production & Tests	Homework: Representation & Tests	Homework: Ethnic, national and regional identity & Tests	Homework: Issues and Events & Tests
	Curriculum Topics R085-R082 Resubmission	Curriculum Topics R081 Exam preparation	Curriculum Topics	Curriculum Topics Prototyping	Curriculum Topics Testing & Evaluation	Curriculum Topics

11	Sequencing:	Sequencing: R082, 85, 81	R087 Interactive multimedia product	Sequencing: R082, 85	Sequencing: R082, 85	Sequencing:
	Assessments: Project WIN	Assessments: Mock Exam	Assessments: Exam	Assessments:	Assessments:	Assessments:
	Enrichment: Achieve	Enrichment: Achieve	Enrichment: Achieve	Enrichment: Achieve	Enrichment: Achieve	Enrichment:
	Homework: Industries overview & Tests	Homework: Media Television & Tests	Homework: Print Media Magazines & Tests	Homework: Advertising & Tests	Homework: Film & Tests	Homework: Music & Tests