Curriculum Plan: Business Studies and Computer Science

Year Group	Autumn 1 - 7 weeks	Autumn 2 - 7 weeks	Spring 1 - 6 weeks	Spring 2 - 5 weeks	Summer 1 - 7 weeks	Summer 2 - 7 weeks
7	Online Safety • Passwords • Viruses • Cyberbullying • Digital footprint	Spreadsheets • Collecting data • Analysing data • Key skills • Cells, rows, columns • Formula • Formatting	Programming part 1 * Programming essentials in scratch	Programming part 1 • Programming essentials in scratch	Programming part 2 • Putting our skills into action	Using Media • End of year project gaining support for a cause using various platforms
8	Computational thinking & flowcharts • Decomposition • Abstraction • Algorithmic thinking • Flowchart symbols	Algorithms & Pseudocode • Search and sorting algorithms • Writing pseudocode	Programming with Python • An introduction to the key constructs of programming in Python	Data Science •	Data Representation • Images • Sounds • Text	HTML • Using HTML to form a webpage

9	Computer Networks	Computer Systems	Programming with Python	Cyber security	App Development	End of year programming project
	• Network hardware • Topologies • Internet • LAN and WAN	• Hardware • Logic gates • System architecture	• Sequence • Selection • Iteration • Debugging	• Minimising risk to cyber attacks • Hacking • Malware	• Meeting the needs of a user • Block based coding	
10	**Component 1** • Systems Architecture • Memory and Storage **Component 2** • Algorithms	**Component 1** • Memory and Storage **Component 2** • Algorithms	**Component 1** •Networks **Component 2** •Algorithms	**Component 1** • System security **Component 2** • Robust programming	**Component 1** • System software • Ethical and legal **Component 2** • Robust programming • Boolean	**Component 1** • Revision and exam technique **Component 2** • Languages and IDEs

Year Group	Autumn 1 - 7 weeks	Autumn 2 - 7 weeks	Spring 1 - 6 weeks	Spring 2 - 5 weeks	Summer 1 - 7 weeks	Summer 2 - 7 weeks
11	**Component 1** ● Unit 1 recap ● Mock assessment	**Component 1** ● Unit 1 recap advised by mock assessment **Component 2** ● Component 2 recap ● Mock assessment	**Component 2** ● Unit 2 recap advised by mock assessment	**Revision** ● Full past paper assessment	**Revision** ● Mock review ● Revision and exam technique	**Exams**
12	**Component 1** ● Structure ● Types of processor ● Input, Outputs and storage **Component 2** ● Programming techniques	**Component 1** ● System software ● Application generation ● Software development **Component 2** ● Programming techniques	**Component 1** ● Types of programming language ● Compression, encryption and hashing ● Databases **Component 2** ● Programming techniques	**Component 1** ● Websites ● Web technologies **Component 2** ● Programming techniques	**Component 1** ● Data types **Component 2** ● Programming techniques	**Component 1** ● Boolean Algebra ● Legislation **Component 2** ● Programming project
13	**Component 1** ● Data types ● Data structures ● Boolean Algebra **Component 2** ● Programming project	**Component 2** ● Thinking procedurally ● Thinking concurrently ● Algorithms ● Computational methods	**Component 2** ● Algorithms ● Programming project ● Mock assessment	**Revision** ● Mock review ● Revision and exam technique	**Revision** ● Mock review ● Revision and exam technique	**Exams**

		• **Programming techniques**				

Year Group	Autumn 1 – 8 weeks	Autumn 2 – 7 weeks	Spring 1 – 6 weeks	Spring 2 – 6 weeks	Summer 1 – 5 weeks	Summer 2 – 7 weeks
10 Business	**Theme 1** ● Enterprise and entrepreneurship ● Spotting a business opportunity	**Theme 1** ● Spotting a business opportunity ● Putting a business idea into practice	**Theme 1** ● Making the business effective ● Understanding external influences on business	**Theme 1** ● Understanding external influences on business	**Theme 2** ● Growing the business	**Theme 2** ● Growing the business
11 Business	**Theme 2** ● Making marketing decisions	**Theme 2** ● Making operational decisions	**Theme 2** ● Making financial decisions	**Theme 2** ● Making human resource decisions	**Revision** ● Exam Revision ● Assessment	**Revision** ● Exam Revision ● Assessment
12 Business	**Theme 1: Marketing and people** ● Meeting customer needs ● The market ● Marketing mix and strategy	**Theme 1: Marketing and people** ● The market ● Marketing mix and strategy **Theme 1: Marketing and people** ● Managing people	**Theme 1: Marketing and people** ● Entrepreneurs and leaders **Theme 2: Managing business activities** ● Raising finance	**Theme 2: Managing business activities** ● Managing finance ● Financial planning **Theme 2: Managing business activities** ● Financial planning	**Theme 2: Managing business activities** ● Resource management ● Managing finance	**Theme 2: Business decisions and strategy** ● External influences

13 Business	Theme 3: Business decisions and strategy	Theme 3: Business decisions and strategy	Theme 3: Business decisions and strategy	Theme 4: Global business	Exam Revision	Exams
	● Business objectives and strategy ● Business growth ● Influences on business decisions	● Assessing competitiveness ● Decision making techniques.	● Managing change Theme 4: Global business ● Globalisation ● Global markets and business expansion	● Globalisation ● Global markets and business expansions ● Global industries and companies (MNC's).	● Past papers ● Pre-release case study practice papers ● Numerical skills	