

Year 7 Programme of Study Overview (1 hour per week)

1: Using Computers Safely, Effectively & Responsibly	2: Presenting Information for a specific audience & purpose	3: Understanding Computers: Introduction to CS	4: Games Programming with Scratch 3.0	5: Control Systems with Flowol 4.0
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Week No		Autumn Term 1 (7 ½ weeks)		Autumn Term 2 (6 ½ weeks)		Spring Term 1 (6 weeks)		Spring Term 2 (5 weeks)		Summer Term 1 (7 weeks)		Summer Term 2 (7 weeks)
1		CS Baseline Assessment & Seating Plans		Lesson 6: Assessment		Lesson 1: Input/Process/ Output		Lesson 7: Assessment		Year 7 Assessment Preparation		Lesson 1: Flowcharts
2		Induction to school network & resources		Progress Booklets & Reflection		Lesson 2: The CPU	HWK	Progress Booklets & Reflection		Year 7 Exams (Online Assessment)		Lesson 2: Sequencing
3		Lesson 1: File Management		Lesson 1: Audience & purpose		Lesson 3: Binary		Lesson 1: Simple movement (sprites & coding)		Lesson 4: Randomisation (operators)		Lesson 3: Sensors
4		Lesson 2: Social networking	HWK	Lesson 2: Planning a multimedia presentation	HWK	Lesson 4: Binary Addition		Lesson 2: Lives & scoring (variables)	HWK	Lesson 5: Shooting & jumping		Lesson 4: Subroutines
5	HWK	Lesson 3: Keeping your data safe		Lesson 3 Presenting information 1		Lesson 5: Storage Devices		Lesson 3: Adding a new level (broadcast scripts)		Lesson 6: Sound		Lesson 5: Actuators
6		Lesson 4: Using email		Lesson 4: Presenting information 2		Lesson 6: New Technologies				Lesson 7: Assessment	HWK	Lesson 6: Variables
7		Lesson 5: Searching the web		Lesson 5: Assessment						Progress Booklets: & Reflection		Lesson 7: Assessment & Progress Booklets

6 Homework tasks averaging 1 per half term

5 Assessment Points plus Year 7 Examination



Year 8 Programme of Study Overview (1 hour per week)

1: Computational Thinking & Logic	2: Introduction to the BBC Micro:bit	3: Website Development: Adobe Dreamweaver	4: Introduction to Python Programming	5: Computer Crime
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Week No	Autumn Term 1 (7 ½ weeks)	Autumn Term 2 (6 ½ weeks)	Spring Term 1 (6 weeks)	Spring Term 2 (5 weeks)	Summer Term 1 (7 weeks)	Summer Term 2 (7 weeks)
1	CS Baseline Assessment & Seating Plans	Lesson 7: Assessment	Lesson 5: Safe Lock System in Python	HWK	Lesson 3: Planning a Website	HWK
2	Lesson 1: Logical Thinking	Progress Booklets & Reflection	Lesson 6: Assessment & Progress Booklets		Lesson 4a: Developing a Website	HWK
3	HWK Lesson 2: Logic Gates	Lesson 1: Creating Your First Program	HWK	Lesson 1: HTML	Lesson 4b: Developing a Website	
4	Lesson 3: Algorithmic Thinking 1	HWK	Lesson 2: Guess The Direction		Lesson 5: Web Forms	HWK
5	Lesson 4: Algorithmic Thinking 2		Lesson 3: Safe Lock System	HWK	Year 8 Assessment Preparation	HWK
6	HWK Lesson 5: Abstraction	HWK	Lesson 4: Peer & Self Review / Improvements	HWK	Year 8 Exams (Online Assessment)	
7	Lesson 6: Decomposition					
					Progress Booklets & Reflection	Progress Booklets & Reflection

12 Homework tasks averaging 2 per half term

5 Assessment Points plus Year 8 Examination



Year 9 Programme of Study Overview (1 hour per week)

1: Introduction to Python (Yr 8 Continuation)	2: Introduction to Computer Networks	3: Artificial Intelligence	4: Advanced Python Programming	5: Creating Digital Graphics with Adobe Photoshop	6: Sound Recording & Editing with Audacity
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Week No	Autumn Term 1 (7 ½ weeks)		Autumn Term 2 (6 ½ weeks)		Spring Term 1 (6 weeks)		Spring Term 2 (5 weeks)		Summer Term 1 (7 weeks)		Summer Term 2 (7 weeks)	
1	CS Baseline Assessment & Seating Plans	HWK	Lesson 3: Topologies & Exam Preparation		Lesson 2: Machine Learning	HWK	Lesson 1: Python Basics RECAP		Lesson 6: Assessment & Progress Booklets		Lesson 7: Assessment & Progress Booklets	
2	Lesson 4: Writing Algorithms		Lesson 4: Client-Server Net & Exam Preparation	HWK	Lesson 3: Ethics of AI		Lesson 2: Loops		Lesson 1: Vector Graphics	HWK	Lesson 1: Digitising Sound	
3	HWK	Lesson 5: Iteration – While loops	HWK	Lesson 5: Encryption		Lesson 4: Image Recognition	HWK	Lesson 3: Lists	HWK	Lesson 2: Bitmap Graphics		Lesson 2: Jobs in the Sound Industry
4		Lesson 6: Assessment		Lesson 6: Assessment	HWK	Lesson 5: Turing Tests & Chatbots		Lesson 4: Procedures		Lesson 3: Conveying Meaning	HWK	Lesson 3: Listening & planning
5		Progress Booklets & Reflection		Year 9 Exams		Lesson 6 Assessment	HWK	Lesson 5: Functions	HWK	Lesson 4: Creating a Movie Poster Pt 1		Lesson 4: Creating an advertisement
6	HWK	Lesson 1: The Internet		Progress Booklets & Reflection		Progress Booklets & Reflection				Lesson 5: Creating a Movie Poster Pt 2	HWK	Lesson 5: Testing & Exporting Files
7		Lesson 2: Connectivity	HWK	Lesson 1: What is AI?					HWK	Lesson 6: Pt 4 Finishing / Exporting Files		Lesson 6: Assessment

16 Homework tasks averaging about 3 per half term
6 Assessment Points plus Year 9 Examination

