

Year 7 Overview

Using Computers Safely,
Effectively & Responsibly

Presenting Information for a
Specific audience & purpose

Understanding Computers:
Intro to Computer Science

Games Programming:
Scratch 3.0
Control Systems:
Flowol 4.0

	AUTUMN TERM 1 (7 WEEKS)	AUTUMN TERM 2 (7 WEEKS)	SPRING TERM 1 (7 WEEKS)	SPRING TERM 2 (6 WEEKS)	SUMMER TERM 1 (5 WEEKS)	SUMMER TERM 2 (7 WEEKS)
1	Induction to school network & resources CS Baseline Assessment & Seating Plans Year 7 Assessments	Lesson 5: Searching the web	Lesson 1: Input/Process/Output	Lesson 1: Simple movement (sprites & coding)	Lesson 3: Adding a new level (broadcast scripts)	Lesson 1: Flowcharts
2		Lesson 6: Assessment & Progress Booklets	Lesson 2: The CPU	Lesson 2: Lives & scoring (variables)	Lesson 4: Randomisation (operators)	Lesson 2: Sequencing
3		Lesson 1: Audience & purpose	Lesson 3: Binary	Year 7 Assessment Preparation	Lesson 5: Shooting & jumping	Lesson 3: Sensors
4	Lesson 1: File Management	Lesson 2: Planning a multimedia presentation	Lesson 4: Binary Addition	Year 7 Assessment Preparation	Lesson 6: Sound	Lesson 4: Subroutines
5	Lesson 2: Social networking	Lesson 3: Creation of multimedia presentation	Lesson 5: Storage Devices	Year 7 Exams	Lesson 7: Assessment & Progress Booklets	Lesson 5: Actuators
6	Lesson 3: Keeping your data safe	Lesson 4: Creation of interactive presentation	Lesson 6: Assessment	Year 7 Exam Feedback		Lesson 6: Variables
7	Lesson 4: Using email	Lesson 5: Peer / Self-Assessment	Lesson 7: Progress Booklets Review & Reflect			Lesson 7: Assessment & Progress Booklets



Year 8 Overview

Digital Animation:
Adobe Animate

Introduction to the BBC
Micro:bit

Website Development:
Adobe Dreamweaver

Introduction to Python
Programming
Computer Crime

	AUTUMN TERM 1 (7 WEEKS)	AUTUMN TERM 2 (7 WEEKS)	SPRING TERM 1 (7 WEEKS)	SPRING TERM 2 (6 WEEKS)	SUMMER TERM 1 (5 WEEKS)	SUMMER TERM 2 (7 WEEKS)
1	CS Baseline Assessment & Seating Plans	Lesson 5b: Adding sound	Lesson 5: Safe Lock System in Python	Lesson 5: Web Forms	Year 8 Assessment Preparation	Lesson 6: Assessment & Progress Booklets
2		Lesson 6: Publishing an animation	Lesson 6: Assessment & Progress Booklets	Lesson 6: Assessment & Progress Booklets	Year 8 Exams	Lesson 1: Scams
3	Lesson 1: 'Frame-by-Frame' animation	Lesson 7: Assessment & Progress Booklets	Lesson 1: HTML	Lesson 1: Introduction to Python	Year 8 Exam Feedback	Lesson 2: Hacking
4	Lesson 2: ' Motion Tweening'	Lesson 1: Creating Your First Program	Lesson 2: CSS	Lesson 2: Numbers & Arithmetic	Lesson 4: Writing Algorithms	Lesson 3: Protecting Personal Data
5	Lesson 3: Text, Buttons & ActionScript	Lesson 2: Guess The Direction	Lesson 3: Planning a Website	Lesson 3: Selection – IF statements	Lesson 5: Iteration – While loops	Lesson 4: Copyright
6	Lesson 4: Planning an animation	Lesson 3: Safe Lock System	Lesson 4: Developing a Website	Year 8 Assessment Preparation		Lesson 5: Health & Safety
7	Lesson 5a: Creating an animation part 1	Lesson 4: Peer & Self Review / Improvements	Lesson 4: Developing a Website			Lesson 6: Assessment & Progress Booklets



Year 9 Overview

Sound Recording & Editing: Audacity

Advanced Python Programming

Introduction to Computer Networks

Creating Digital Graphics
Adobe Photoshop
Basic HTML & CSS:
Adobe Dreamweaver

	AUTUMN TERM 1 (7 WEEKS)	AUTUMN TERM 2 (7 WEEKS)	SPRING TERM 1 (7 WEEKS)	SPRING TERM 2 (6 WEEKS)	SUMMER TERM 1 (5 WEEKS)	SUMMER TERM 2 (7 WEEKS)
1	CS Baseline Assessment & Seating Plans	Lesson 6: Assessment & Progress Booklets	Lesson 5: Encryption	Lesson 5: Creating a Movie Poster Pt 3	Lesson 4: Creating an advertisement pt 1	Lesson 1: HTML
2		Lesson 1: The Internet	Lesson 6: Assessment & Progress Booklets	Lesson 6: Pt 4 Finishing / Exporting Files	Lesson 4: Creating an advertisement pt 2	Lesson 2: CSS
3	Lesson 1: Python Basics RECAP	Lesson 2: Connectivity	Lesson 1: Vector Graphics	Lesson 7: Assessment & Progress Booklets	Lesson 4: Creating an advertisement pt 3	Lesson 3: Planning a Website
4	Lesson 2: Loops	Lesson 3: Topologies & Exam Preparation	Lesson 2: Bitmap Graphics	Lesson 1: Digitising Sound	Lesson 5: Testing & Exporting Files	Lesson 4: Developing a Website
5	Lesson 3: Lists	Lesson 4: Client-Server Net & Exam Preparation	Lesson 3: Conveying Meaning	Lesson 2: Jobs in the Sound Industry	Lesson 6: Assessment & Booklets	Lesson 4: Developing a Website
6	Lesson 4: Procedures	Year 9 Exams	Lesson 4: Creating a Movie Poster Pt 1	Lesson 3: Listening & planning		Lesson 5: Web Forms
7	Lesson 5: Functions	Year 9 Exam Feedback	Lesson 5: Creating a Movie Poster Pt 2			Lesson 6: Assessment & Progress Booklets

