



Armfield Academy – Department of Computer Science – Key Stage 3

2025-26 Year 9 Curriculum Overview



Half Term 1	
Date	Enquiry Question(s) – Computer Security
	Learning Questions
Week 1	Introduction to Computer Security
Week 2	Protecting Your Devices
Week 3	Understanding Networks and Safe Connections
Week 4	Data Privacy and Personal Information
Week 5	Cyberbullying
Week 6	Online Safety
Week 7	Responsible Use and Security Best Practices
Half Term 2	
Date	Enquiry Question(s) – In4 Group / Websites
	Learning Questions
Week 1	What makes a website engaging and effective?
Week 2	How do I plan a brand and website with a clear purpose?
Week 3	How can I design a homepage that grabs attention?
Week 4	What should I include on my product or about pages?
Week 5	How do users navigate a website easily and accessibly?
Week 6	How can I communicate my brand through a pitch?
Week 7	What did I learn from building and improving my site?
Half Term 3	
Date	Enquiry Question(s) – Python Programming and Computational Thinking
	Learning Questions
Week 1	Introduction to Python & Writing Your First Program, Computational Thinking
Week 2	Abstraction and Decomposition
Week 3	Bubble Sort
Week 4	Merge Sort
Week 5	Variables and Data Types
Week 6	Simple Input and Output
Half Term 4	
Date	Enquiry Question(s) – Python Programming Continued
	Learning Questions
Week 1	Basic Maths Operations
Week 2	Introducing If Statements and Condition
Week 3	Loops – For and While
Week 4	Functions – What and Why
Week 5	Project Build and Test
Half Term 5	
Date	Enquiry Question(s) – Data Representation
	Learning Questions
Week 1	Introduction to Binary Numbers
Week 2	Binary Addition and Hex
Week 3	Boolean Logic
Week 4	Text Representation — ASCII and Unicode
Week 5	Representing Images — Bitmap
Week 6	Representing Sound Digitally
Half Term 6	
Date	Enquiry Question(s) – CoSpaces Edu
	Learning Questions
Week 1	Introduction to CoSpaces & Basic Navigation
Week 2	Using the Object Library & Customizing Objects
Week 3	Adding Movement and Animation
Week 4	Introduction to Coding with CoBlocks
Week 5	Adding Sound and Interactivity
Week 6	Enhancing Your CoSpace & Polishing Your Project