Armfield Academy – Department of Computer Science – Key Stage 3

Year 7 Curriculum Overview

Half Term 1	
Date	**Enquiry Question(s)** – Using the School Network
	Learning Questions
Week 1	Logging In and Classroom Routines
Week 2	Navigating the Desktop and School Network
Week 3	Computer Safety and Responsible Use
Week 4	Typing and Basic Keyboard Skills
Week 5	Using Google Tools and Submitting Work
Week 6	Review & Practical Challenge
Half Term 2	
Date	**Enquiry Question(s)** – Networks
	Learning Questions
Week 1	What is a Computer Network?
Week 2	Network Hardware
Week 3	Wired vs. Wireless Networks
Week 4	The Internet and Network Topologies
Week 5	LAN, WAN, and the Cloud
Week 6	How Data Travels – Packets, IPs & Protocols
Half Term 3	
Date	**Enquiry Question(s)** – Spreadsheet Modelling
	Learning Questions
Week 1	Getting Started with Google Sheets
Week 2	Formatting a Spreadsheet
Week 3	Simple Formulas and Functions
Week 4	Charts and Visual Data
Week 5	Sorting, Filtering & Organising Data
Week 6	Working Safely and Collaborating Online
Half Term 4	
Date	**Enquiry Question(s)** – KODU
	Learning Questions
Week 1	Introduction
Week 2	Make A New World
Week 3	Looks and Sounds
Week 4	Planning a New Game
Week 5	Making Your Game
Half Term 5	
Date	**Enquiry Question(s)** – E-Safety
	Learning Questions
Week 1	What Is E-Safety?
Week 2	Passwords and Privacy
Week 3	Cyberbullying
Week 4	Online Gaming and Social Media Safety
Week 5	Fake News, Scams and Influencers
Week 6	Who Can Help? + E-Safety Review
Half Term 6	
Date	**Enquiry Question(s)** – Scratch
	Learning Questions
Week 1	Simple Variables (Score & Timer)
Week 2	Backdrops and Scenes
Week 3	Planning a Game
Week 4	Game Project – Part 1
Week 5	Game Project – Part 2
Week 6	Game Testing & Feedback