Yr9 KS3 IT - CURRICULUM PLANNING SEQUENCE

Subject	Year	Term	Big Ideas	Topics	Subject Learning Checklist
ICT	Year 9	Term 1 - 7hrs	Introduction to Programming	Hello World	Introduction to VB and Programming
				Password Application	Form Objects & Selection
				Random Number Generator	Subroutines, Functions & Random Numbers
			Data Collection & Manipulation	Excel - Data Manipulation	Introduction to Spreadsheet
					Simple Forumla, SUM & Average Functions
					CountIF, Data Validation, Conditional Formating
					Basic IF Statements
		Term 2 - 6hrs		Databases - Data Collection & Manipulation	Introduction to Databases, Dating Agency - Database Queries
					Create your own Database
				Introduction to CS GCSE & BTEC IT	
			Algorithms	Sequencing & Logic	Flowcharts
				Control Systems	Understanding Control Systems, Introduction to Flowol
					Greenhouse Control Systems Project
		Term 3 - 6hrs	Graphics	Photoshop Skills	Introduction to Photoshop, Layers & Selection Tools
				Photoshop Skills	Clone & Replace, Colour Replace, Liquefy Effects
				Photoshop Skills	Graphics Project