

Long term plan

Subject: **Computing/IT**

	Year 7	Year 8	Year 9	Year 10	Year 11
LC1	Logins & File Management eSafety - Basics eSafety - Copyright eSafety - Sexting eSafety - Online Impersonation eSafety - Online Help	Binary Intro Binary Addition & Hex Hex & Recap ASCII Images Sounds	Cambridge Nationals in IT Course Overview & Intro Module 1: Project Life Cycle Module 1: Planning Tools Module 2: Prevention Measures Module 2: Legislation Module 2: Mitigating Risks	Cambridge Nationals in IT Course Overview & Intro Module 1: Project Life Cycle Module 1: Planning Tools Module 2: Prevention Measures Module 2: Legislation Module 2: Mitigating Risks	Cambridge Nationals in IT Course Overview & Intro Module 1: Project life cycle Module 1: Project life cycle Module 2: Mitigating risks for a project Module 3: Planning & reviewing project phases Module 3: Planning & reviewing project phases
LC2	Code.org	Spreadsheet: Formulas SS: Formatting SS: Functions SS: Modelling SS: Graphs Ass Wk: Spreadsheet Task	Module 3: Iterative Reviews Module 3: Planning Documentation Module 3: Planning Documentation Module 3: Iterative Testing Module 4: Data Types Module 4: Using software tools & techniques	Module 3: Iterative Reviews Module 3: Planning Documentation Module 3: Planning Documentation Module 3: Iterative Testing Module 4: Data Types Module 4: Using software tools & techniques	Module 4: Creating, updating, deleting and using data Module 4: Creating, updating, deleting and using data Module 4: Creating, updating, deleting and using data Module 5: Presenting information in a meaningful way Module 5: Presenting information in a meaningful way Module 6: Final evaluation for a project
LC3	Python: Intro & Basics Python: Scripts Python: Turtle Python: Variables Python: User Input Ass Wk: Python Basics Practise	Databases: Intro Databases: Tables Databases: Queries Databases: Reports Databases: Ass Wk: Databases	Module 4: Using software tools & techniques Module 4: Using software tools & techniques Module 4: Using software tools & techniques Module 4: Using software tools & techniques Module 5: Processing data Module 5: Processing data	Module 5: Presenting information Module 5: Presenting information Module 5: Selecting information for a given purpose Module 5: Presenting information using tools & techniques Module 5: Presenting information using tools & techniques	Module 7: Collecting and storing data Controlled Assessment Module 7: Collecting and storing data Controlled Assessment Module 8: Cyber security – threats and preventions Controlled Assessment

				Module 5: Applying presentation techniques	
LC4	<p>Spreadsheet: Formulas SS: Formatting SS: Functions SS: Modelling SS: Graphs Ass Wk: Spreadsheet Task</p>	<p>Python: Basics Recap Python: Iteration (For/While) Python: Selection (IF) Programming Project Programming Project Programming Project</p>	<p>Module 5: Presenting information Module 5: Presenting information Module 5: Selecting information for a given purpose Module 5: Presenting information using tools & techniques Module 5: Presenting information using tools & techniques Module 5: Applying presentation techniques</p>	<p>Module 6: Iterative reviews Module 6: Final reviews Module 7: Collection & storage methods Module 7: Big data Module 8: Cyber-Security Module 8: Prevention measures</p>	<p>Module 8: Cyber security – threats and preventions Controlled Assessment Module 9: Legislation and data reliability Controlled Assessment Module 5: Presenting information in a meaningful way Controlled Assessment</p>
LC5	<p>Digital Graphics - Intro Basic graphics skills Advanced graphics skills Copyright, Sources & Designs Asset creation & testing Ass. Wk - Evaluation</p>	<p>Digital Graphics - Intro Basic graphics skills Advanced graphics skills Copyright, Sources & Designs Asset creation & testing Ass. Wk - Evaluation</p>	<p>Module 6: Iterative reviews Module 6: Final reviews Module 7: Collection & storage methods Module 7: Big data Module 8: Cyber-Security Module 8: Prevention measures</p>	<p>Module 9: Legislation Module 9: Legislation Module 9: Validity, reliability & bias Module 5: Data processing tools & techniques Module 5: Presenting information tools & techniques Module 5: Selecting resources</p>	