North Gosforth Academy

CURRICULUM PROGRESSION MAP: KS4 CS & Digital IT 2023-24

WK	1 2 3 4 5 6 7	8 9 10 11 12 13 14	15 16 17 18 19 20 21	22 23 24 25 26 27	28 29 30 31 32	33 34 35 36 37 38 39	
	Autumn 1	**Autumn 2**	**Spring 3**	**Spring 4**	**Summer 5**	**Summer 6**	
YEAR 1 - GCSE CS	**Content:** Component 1 1.1 System architecture **Assessment:** MCQ & end of topic test (SIT feedback)	**Content:** Component 1 1.2 Memory & storage **Assessment:** MCQ & end of topic test (SIT feedback)	**Content:** Component 2 2.2. Programming fundamentals **Assessment:** MCQ & end of topic test - mini Python challenges.		**Content:** Component 2 2.1 Algorithms **Assessment:** MCQ & end of topic test (SIT feedback)	**Content:** Component 2 2.4 Boolean Logic **Assessment:** MCQ & end of topic test (SIT feedback)	Hwk centres on theory for Comp1. Programming will be repeatedly revisited throughout for Comp2.
YEAR 2 - GCSE CS	**Content:** Component 1 1.3 Computer networks & protocols **Assessment:** MCQ & end of topic test (SIT feedback)	**Content:** Component 2 2.2-2.3 & 2.5 Programming (robust programs, languuages & environments) - Completion of NEA **Assessment:** Students track progress for programming skills against checklist & activities.		**Content:** Component 1 1.4 Network security 1.5 Systems software **Assessment:** MCQ & end of topic test (SIT feedback)	**Content:** Component 1 1.6 Ethical, legal, cultural & environmental impacts of digital technology **Assessment:** MCQ & end of topic test (SIT feedback)	**Content:** Review of all content - computer system & computational thinking to practice exam style questions. **Assessment:** Practice questions. Exam.	
YEAR 1 - Ditigal IT	**Content:** Component 1: Exploring User Interface Design Principles & Planning Techniques Understand interface design for individuals & organisations (LOA) & Use project planning techniques to plan, design & develop a user interface (LOB) **Assessment:** LOA mock (end of Oct.) & LOB mock (mid Dec.)		**Content:** Component 1: continued Be able to review a user interface (LOC) **Assessment:** LOC mock (mid Jan.) & Component 1 assessment (Feb: 6hours).	**Content:** *Start Component 2: Collecting, presenting & interpreting data (LOA)*	**Content:** Component 2: Collecting, presenting & interpreting data Understand how data is collected & used (LOA) & Create a dashboard using data manipulation tools (LOB) **Assessment:** LOA mock (May.)		Hwk centres on Component 3 theory & independent revision in preparation for exam.
YEAR 2 - Digital IT	**Content:** Component 2: Collecting, presenting & interpreting data Create a dashboard using data manipulation tools (LOB) & draw conclusions & review data presentation methods (LOC) **Assessment:** LOB & LOC mock (end of Sept.) & Component 2 assessment (Oct: 6 hours).		**Content:** Component 3: Effective Digital Working Practices Modern technologies (LOA), Cyber security (LOB) & The wider implications of digital systems (LOC) **Assessment:** LOA, LOB & LOC mock throughout term.		**Content:** Revision **Assessment:** Component 3 exam (May)		