Overview Computer Science

Year	Year 7 Scheme of Work & Medium Term Plans (see term link)					
Foci	Subject foundation					
Time	HT1	HT2	HT3	HT4	HT5	HT6
Project	Safety & Responsibility	Introduction to Programming: Code.org BBC Microbit Flowchart PC Logo	Internet Communication	Introduction to Programming Part 2: Programming languages & Python introduction Python Introduction: Print, Variables, Maths, Loops & Inputs	Hardware and Software	Data Representation BBC Microbit
Subject	Computer Science					
Key Idea						
Spec. Ref						
Driving Question						
Topics	Theory	Programming	Theory	Programming	Theory	Programming
Assessment	Online multiple choice test	Mini projects	Online multiple choice test	Mini projects	Online multiple choice test	Mini projects

Year	Year 8 Scheme of Work & Medium Term Plans (see term link)					
Foci	Subject foundation					
Time	HT1	HT2	HT3	HT4	HT5	HT6
Project	Computational Thinking	Scratch Projects	Algorithms & Programming	BBC Microbit	Hardware and Software Developing Programming: Python Introduction: Variables (print and Maths), IF Statements, Algorithms & Bugs, While Loops	Data Representation
Subject	Computer Science					
Key Idea						
Spec. Ref						
Driving Question						
Topics	Theory	Programming	Theory	Programming	Theory	Programming
Assessment	Online multiple choice test	Mini projects	Online multiple choice test	Mini projects	Guess the number or Magic 8 Ball	Online multiple choice test

LEARNING TOGETHER, ACHIEVING EXCELLENCE:
CURRICULUM OVERVIEW - Long term plan - Computer Science

Year	Year 9 Scheme of Work & Medium Term Plans (see term link)					
Foci	Subject engagement					
Time	HT1	HT2	HT3	HT4	HT5	HT6
Project	Cyber Security & Network Security	Scratch Projects and Gaming	BBC Microbit Projects	Cyber Security	Web Design (HTML & CSS)	Python Projects
Subject	Computer Science					
Key Idea						
Spec. Ref						
Driving Question						
Topics	Theory	Programming	Programming	Programming	TheProgrammingory	Programming
Assessment	Online multiple choice test Workbooks	Mini projects	Mini projects	Mini projects	Online multiple choice test Workbooks	Mini projects

Year	Year 10 Scheme of Work & Medium Term Plans (see term link)					
Foci	Exam theory and NEA prep					
Time	HT1	HT2	HT3	HT4	HT5	HT6
Project	Python Games	Algorithms & Programming	Python NEA task prep	Data Representation & Computer Logic	Recap Paper 1	NEA
Subject	Computer Science					
Key Idea						
Spec. Ref						
Driving Question						
Topics	Programming	Theory	Programming	Theory	Theory	Programming
Assessment	Mini projects	Online test	Mini projects	Online test	Online test	NEA Assessment

LEARNING TOGETHER, ACHIEVING EXCELLENCE:
CURRICULUM OVERVIEW - Long term plan - Computer Science

Year	Year 11 Scheme of Work & Medium Term Plans (see term link)					
Foci	NEA and exam prep					
Time	HT1	HT2	HT3	HT4	HT5	HT6
Project	NEA Algorithms & Programming	Data Representation & Computer Logic	Recap Paper 1	Recap Paper 2	Recap Paper 1	Exam session
Subject	Computer Science					
Key Idea						
Spec. Ref						
Driving Question						
Topics	Theory	Theory	Theory	Theory	Theory	
Assessment	Online test	Online test	Online test Exam papers	Online test Exam papers	Online test Exam papers	