



Subject: GCSE Computer Science 9-1

| Year 10 | | | | | | |
|--------------------------------------|---|---|--|---|---|---|
| | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| Learning | 1.1.1 Architecture of the CPU 1.1.2 CPU Performance 1.1.3 Embedded Systems Practical Programming | 1.2.1 Primary Storage (Memory) 1.2.2 secondary Storage Practical Programming | 1.2.3 Units 1.2.4 Data Storage 2.1.1 Computational Thinking | 1.2.5 Compression 1.5.1 Operating systems 1.5.2 Utility Software 2.1.2 Designing, creating and refining algorithms | 1.6.1 Ethical, legal, cultural & environmental impact 2.2.1 Programming fundamentals 2.2.2 Data Types | Extended Practical Programming challenge |
| How is this learning being assessed? | MCQ Knowledge Assessment. Half-termly Checkpoint Assessment (Exam style questions) | MCQ Knowledge Assessment. Half-termly Checkpoint Assessment (Exam style questions) | MCQ Knowledge Assessment. Half-termly Checkpoint Assessment (Exam style questions) | MCQ Knowledge Assessment. Half-termly Checkpoint Assessment (Exam style questions) | MCQ Knowledge Assessment. Half-termly Checkpoint Assessment (Exam style questions) | MCQ Knowledge Assessment. Half-termly Checkpoint Assessment (Exam style questions) |
| Year 11 | | | | | | |
| | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| Learning | 1.2 Memory & Storage 2.4 Boolean Logic 2.1 Algorithms 2.2 Programming fundamentals | 1.1 Systems Architecture 2.3 Producing Robust Programs 2.1 Algorithms 2.2 Programming fundamentals | 1.5 Systems Software 2.5 Programming Languages & IDEs 2.1 Algorithms 2.2 Programming fundamentals | 1.3 Computer Networks & Protocols 1.4 Network Security 2.1 Algorithms 2.2 Programming fundamentals | 2.1 Algorithms 2.2 Programming fundamentals | Final revision |
| How is this learning being assessed? | MCQ Knowledge Assessment. Half-termly Checkpoint Assessment (Exam style questions) | MCQ Knowledge Assessment. Half-termly Checkpoint Assessment (Exam style questions) | MCQ Knowledge Assessment. Half-termly Checkpoint Assessment (Exam style questions) | MCQ Knowledge Assessment. Half-termly Checkpoint Assessment (Exam style questions) | MCQ Knowledge Assessment. Half-termly Checkpoint Assessment (Exam style questions) | Exam Style Questions |