Learning Journey – Year 13 A Level OCR CS

Comp01 – 1.5 Retention,

Comp02 – 2.1, 2.2,

2.3 Retention



**Comp01 – Computer Systems**

**Comp02 – Algorithms and programming**

**1.1**

**Year 12**

**3.1**

**2.2**

Comp01 and Comp02 Retention –

Exam technique and questions

NEA – Analysis and Design, NEA Module 1 Build, Testing and Evaluation, Module 2 Design and Build

**Business links to support real life scenarios, trips and visits offered at different points throughout the year.**

Comp01 – 1.1, 1.2, 1.3,

1.4, 1.5 Retention

Comp02 2.2 Retention

Module 2 Testing, Module 3, Overall Testing and Overall Evaluation

Comp01 and Compp02 Retention and

 Exam

**Leavers**

**3.2**

**2.1**

**1.2**

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| **Term** | **Topic** | **Assessment** | **Links** |
| **1.1** | NEA – Analysis and Design, NEA Module 1 Build, Testing and Evaluation, Module 2 Design and Build | Calendared Assessment NEA Completion of tasks | Maths – Programming tasks, design, logic and problem solving.Literacy – keywords and vocab, reading at length, exam technique, comprehending questions. |
| **1.2** | Module 2 Testing, Module 3, Overall Testing, Overall Evaluation | NEA Completion of tasks  | Maths – Programming tasks, design, logic and problem solving.Literacy – keywords and vocab, reading at length, exam technique, comprehending questions. |
| **2.1** | Comp01 – 1.1 The characteristics of contemporary processors, input, output and storage devices, 1.2 Software and software development, 1.3 Exchanging data, 1.4 Data types, data structures and algorithms and 1.5 Legal, moral, cultural and ethical issues RetentionComp02 – 2.2 Problem solving and programming Retention | Comp01 – 1.1, 1.2, 1.3, 1.4 and 1.5 Mini AssessmentComp02 – 2.2 Mini Assessment | Maths – Logic, databases, compression, function of a processor, problem solving and programming. Literacy – keywords and vocab, reading at length, exam technique, comprehending questions. |
| **2.2** | Comp01 – 1.5 Legal, moral, cultural and ethical issues RetentionComp02 – 2.1 Elements of computational thinking, 2.2 Problem solving and programming and 2.3 Algorithms Retention  | Comp01 – 1.5 Mini Assessment. Comp02 – 2.1, 2.2 and 2.3 Mini AssessmentCalendared Assessment  | Maths – Data types and structures, computational thinking (logically, concurrently, procedurally), problem solving and programming (decomposition, abstraction, recursion, debugging, sequence, divide and conquer).Literacy – keywords and vocab, reading at length, exam technique, comprehending questions. |
| **3.1** | Comp01 and Comp02 Retention – Exam technique and questions | Comp01 and Comp02 Retention tasks and Exam questions. | Maths – Key concepts for Comp01 and Comp02Literacy – keywords and vocab, reading at length, exam technique, comprehending questions. |
| **3.2** | Comp01 and Compp02 Retention and Exam | Real Comp01 and Comp02 Exam | Maths – Key concepts for Comp01 and Comp02Literacy – keywords and vocab, reading at length, exam technique, comprehending questions. |