Head of Area: Mr XXX

Subject Teachers: Mr XXX

Examination Board: OCR

Specification: J277

Subject information:All pupils will sit two examinations and complete a practical

programming task.

What you will study and

how you will be assessed:Component 1: Computer systems

This component introduces pupils to the central processing unit (CPU),

computer memory and storage, data representation, wired and

wireless networks, network topologies, system security and system

software. It also looks at ethical, legal, cultural and environmental

concerns associated with computer science. Assessed by a written

examination.

Component 2: Computational thinking, algorithms, and

programming

Pupils apply knowledge and understanding gained in component 01.

They develop skills and understanding in computational thinking:

algorithms, programming techniques, producing robust programs,

computational logic and translators. Assessed by a written

examination.

Practical Programming

Pupils are given the opportunity to undertake a programming task(s)

during their course of study which allows them to develop their skills

to design, write, test and refine programs using a high-level

programming language. Pupils will be assessed on these skills during

the written examinations, in particular component 02.

Parental support:All resources will be available on Google Classroom.

This will include lesson resources, revision materials and help

sheets/videos.