Subject Teacher – Mrs Copeland

GCSE AQA Course Exam Code: 8525

Who is Computer Science for?

GCSE Computer Science goes really well with lots of other subjects, especially the sciences, fashion,

textiles, music, business studies, maths and art and design not least because of the skills you will

develop to enable you to decompose problems to find a workable solution. The topics studied in

the course touch on much of what constitutes everyday life: Computer Science is for everyone.

How will I be assessed?

▪ 100% exams at the end of Year 11.

▪ 2 Exam Papers: Paper 1 is 2 Hours; Paper 2 is 1 hour 45 minutes

What will I study?

In GCSE Computer Science lessons, you will study the fundamentals of the technology used to

create the modern computerised world we all live in.

▪ Algorithms: how to solve difficult problems

▪ Programming: how to give instructions to a computer

▪ Data Representation: how instructions and other data are stored within a computer

▪ Computer Systems: how computers work

▪ Computer Networks: how computers communicate

▪ Cyber Security: we study how we can prevent crime and encryption methods

▪ Relational databases and structured query language (SQL)

▪ Ethical, legal and environmental impacts of digital technology on wider society, including issues of

privacy.

What Courses or Employment can I progress to at the end of my Course?

▪ It will lead to almost any A level, T level or GNVQ course.

▪ Computer Science graduates are in high demand because of the skills that the subject teaches

Other Questions

▪ Will I learn how to write computer programs? Yes. In the course you will build on the Python skills

you learned in Y8

▪ Do I need a computer at home to be successful in the course? You will need to be able to access a

computer outside of lessons in order to practise the programming tasks. If you don’t have

computing access at home then there are PCs available for students to use in the school library.