DEPARTMENT EXAM BOARD WEBSITE SPECIFICATION NUMBER

Computing & Business www.aqa.org.uk 8525

LEVELS ASSESSMENT(9-1) COURSE CONTACT

No tiers of entry 100% Examination Mrs Williamson

liz.williamson@sandwich-tech.kent.sch.uk

Computer science enables students to understand and apply the fundamental principles and

concepts of computer science, including abstraction, decomposition, logic, algorithms, and data

representation. It helps them to analyse problems in computational terms through practical

experience of solving such problems, including designing, writing and debugging programs.

Topics Covered

Fundamentals of algorithms

Programming

Fundamentals of data representation

Computer systems

Fundamentals of computer networks

Cyber Security

Relational databases and SQL

Ethical, legal and environmental impact of digital technology, including issues of privacy

Assessment Structure

Paper One: Computational thinking and programming skills

2 hours, 90 marks (50%)

Paper Two: Computing concepts

1 hour 45 minutes, 90 marks (50%)

Progression

Students can progress onto a Level 3 Computing course, other subject related courses at college, or

a related apprenticeship. The course provides a stepping stone to further study and employment

within the programming industry and develops students’ critical thinking, analytical skills and ability

to solve problems.