## **Computer Science - Curriculum Map**

## Our Aims - The curriculum for Computer science aims to ensure that all students:

Can understand and apply the fundamental principles and concepts of computer science, including abstraction, logic, algorithms and data representation. Can analyse problems in computational terms, and have repeated practical experience of writing computer programs in order to solve such problems. Can evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems. Are responsible, competent, confident and creative users of information and communication technology. In Computer Science we are dedicated to ensuring our students leave with the skills to fully embrace a future of rapidly advancing computer technology.

