Our Vision:

Our world is digital, a better understanding of computer science will enable them to make

informed choices in their ever-increasing digital world. This is imperative for all our pupils,

not just simply those who will become the software engineers of the future. Every child in

every school has the right to a world-class computing education. To do that we need to

encourage, support, equip and train our students of computing. Computer science,

is where pupils are taught the principles of information and computation, how digital

systems work and how to put this knowledge to use through programming. Building upon

this knowledge and understanding, pupils are equipped to use information technology to

create programs, systems and a range of content. This ensures that pupils become

digitally literate – able to use, and express themselves and develop their creative ideas.

Pupils are prepared for the future workplace and world, whilst staying safe in their ever increasing digital world, simultaneously fully embracing the power of technology offered to

them. We train our pupils not only for a G.C.S.E. but as much as possible with post-16

skills, relating to real-life situations wherever possible and feature cultural capital with the

essential knowledge that children need to be educated citizens in the future.

Aims for our pupils:

• Our pupils are prepared being guided how to learn, so they can evaluate and apply

information technology, including new or unfamiliar technologies, analytically to solve

problems

• Our pupils are encouraged to be creative, responsible, competent, confident and users

of computer science technology

• Our pupils are coerced to become independent so they can understand and apply the

fundamental principles and concepts of computer science, including abstraction, logic,

algorithms and data representation

• Our pupils are encouraged to achieve using evaluation and apply information

technology, including new or unfamiliar technologies, analytically to solve problems