Deepening Learning and Raising Aspirations through the AIRR values.

What does this look like in our Computer Science/IT curriculum?

Aspire:

Students to aspire to have the digital and technological skills to change/ contribute to the rapidly changing world they live in. KS4/5 will build on the knowledge learnt in KS3 so they will become confident problem solvers, learning to be computational thinkers, opening up many career pathways for them. They will develop a passion for technology and information systems. Students are supported through an aspirational flight path, with appropriate curriculum intervention opportunities built in, allowing them to achieve highly in Computer Science/IT regardless of their level of ability.

Be Independent:

Students will need to be able to analyse problems in computational terms and develop their digital vocabulary, this will promote independence and confidence and they will be offered the opportunity to take part in enrichment and challenges in and out of school. Leadership opportunities are available within the department.

Be Resilient Learners:

Students will develop an understanding and application in the fundamental principles and concepts of computer science by having the opportunity to write programs, design webpages and produce professional digital products. They will make mistakes as they learn entirely new concepts so they will evaluate and analytically solve problems building resilience as they go.

Be Respectful:

Computer legislation will be taught so students will understand the digital age that we are in and be responsible users and designers of information and communication technology. To also help achieve this, they will have practical experience of developing digital products that meet audience needs that will include accessibility and diversity.

Aspiration - Independence - Resilience - Respect