

# Computer Science Intentions



## DIVERSITY

### Diversity in our Curriculum



## Year 7

- **Online-Safety:** By emphasising the importance of respecting others online pupils will become aware that people online come from different backgrounds, cultures, and beliefs. Pupils will be encouraged to be respectful and tolerant online. Furthermore, pupils will be taught the different forms of cyberbullying and how they can affect people from different backgrounds.
- **Computer Systems:** Pupils are introduced to the concept of accessibility and how technology can be designed to accommodate individuals with disabilities.
- **Programming:** Using the gaming industry as an example pupils will become aware that the industry is underrepresented by female programmers.

## Year 8

- **Online-Safety:** Pupils will be shown examples of positive online behaviour and how people from different backgrounds can work together to create a positive online community.
- **Programming:** Pupils will consider gender and lack of gender diversity in programming careers

## Year 9

- **Cyber Security:** Pupils will learn how privacy and data protection laws can vary across different countries and how they can impact individuals from diverse backgrounds. Pupils will learn how cyber security can play a role in promoting social justice, including protecting vulnerable populations from online threats.
- **Computational Thinking:** Pupils will be introduced to the topic of algorithm bias.
- **Programming:** Pupils will become more aware that the computing field is underrepresented by girls, BAME groups and those from low socio-economic backgrounds.

## KS4

- **Computer Science**
- Pupils will explore the lives of computer science and technology entrepreneurs including women and BAME.
- Pupils will consider ethical issues such as the digital divide and how disability and socio-economic status can impact on access to technology.

- Pupils will become more aware that Computer Science carers are under represented by females, people from BAME groups and those from low socio-economic backgrounds.
- **Business Studies**
- Pupils will explore a wide range of cultures when analysing business case studies from around the world. This will include how firms must adapt their marketing mix based on local culture needs and beliefs.
- Pupils will learn about young, local entrepreneurs including those from different ethnic backgrounds.
- Pupils will explore the gender pay gap.