

Spiritual development in CS

Students are taught to be accepting and respectful of others points of view and personal opinions, whilst also being given the opportunity to express their own throughout the curriculum. There are often times where students are guided to discuss and evaluate contentious issues such as the use of CS technologies to communicate ideas and how these can be exploited in both positive and negative ways. Within a variety of topics, students are required to challenge stereotypes, question their own beliefs and to actively listen to others. Students are encouraged to be responsible digital citizens throughout their learning and how to identify undesirable behaviours of others such as cyber bullying, cyber addiction and engagement with illegal or morally ambiguous online communities.

Moral development in CS

Within the course, students are encouraged to critically evaluate moral issues in relation to computer science technologies and their uses. Students have the opportunity to debate divisive issues within a class wide or grouped task setting in order to be exposed to multiple points of view regarding moral issues. Key themes are explored such as an institution's moral duty to keep private information about its customers and staff safe, if students agree with digital surveillance by governments and if the work of hacking collectives to expose confidential data (such as the Panama Papers scandal) is right or wrong. Further to this, students learn about multiple legal issues in relation to Computer Science technologies and the importance of them.

Social development in CS

The way that computer science technologies have impacted how modern society operates is a reoccurring theme throughout the curriculum. In order to understand the need / desire for technological advancements and the reasons for their success, students are directed to explore how key areas of modern society operated before particular technologies were available such as the World Wide Web, online banking and easy access social media and if the technological advancements have wielded positive or negative results. Students also develop their understanding of different methods of communication, how these have developed whilst ensuring they have an up to date knowledge emerging technologies and any associated risks in engaging with them. Within the learning environment students are encouraged to work collaboratively whilst developing key practical skills, to share research findings and to peer assess each other's work to highlight strengths and areas of development.

Cultural development in CS

A wide variety of cultural factors are explored within the curriculum. The digital divide is a significant area of discussion and allows students to broaden their horizons regarding digital inequality within local, national and an international setting. The way that computer science technologies shaped the way that many people live their lives and the concept of total digital reliance in the first world is explored in depth to assess the importance of key technologies and the roles that they play. Digital youth culture is also explored in detail, identifying how a student would identify their "digital self" and how many young people are able to find a sense of belonging within the online world that they may struggle elsewhere.