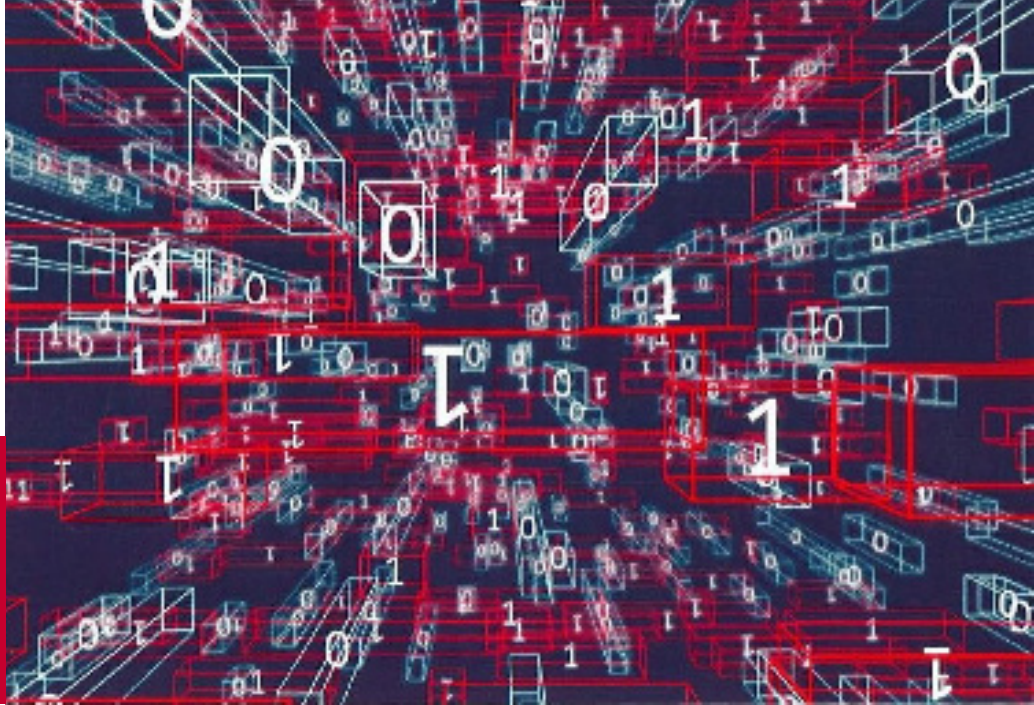




SHREWSBURY
HOUSE SCHOOL

COMPUTER, CODING & ROBOTICS



Computing, Coding & Robotics (CCR) at Shrewsbury House aims to foster confident digital students who are comfortable using computers in everyday life. The CCR curriculum is thus focused on topics which encourage the development of digital literacy, digital citizenship and Computer Science.

Digital literacy aims to develop pupils who are proficient in using a range of digital online and offline applications. Digital citizenship aims to develop pupils who are responsible and safe when using digital online and offline applications. Finally, Computer Science aims to develop pupils who are proficient in using both a visual and a textual programming language - using computational thinking to aid problem-solving.

CCR also aims to develop pupils' understanding of how computers, tablets and smartphones work. Pupils will be expected to 'tinker' with technology, developing an understanding of how it works and also how it can help them. Pupils will have the opportunity to write their own programs, produce their own apps and create professional-quality digital products.

Topics covered across the age ranges include exploring and using the Google Suite of online programs - namely Google Docs, Google Slides and Google Sheets. Robotics, Coding and Programming (Scratch and Python) generate much interest among the boys. The curriculum is further enhanced by app development and web design (both HTML and CSS and graphics). Touch-typing and cyber awareness help our boys to become proficient in typing and online safety.

As the focus in the 21st century will become increasingly linked to Artificial Intelligence (AI) - whether threats, opportunities or both - it is important that boys are aware of how to use technology wisely and work with AI well.

Mr P Macallister BA, HDE (PGCE)
Head of Trust IT and Digital Strategy

Please note that the above subject information has been produced in good faith and is correct as of September 2020. We reserve the right to make changes to the curriculum and whilst we will endeavour to offer any trips and competitions mentioned above, we cannot guarantee that they will always take place every year.