

Curriculum Intent: Computing

In the teaching of computing we aim to enhance and improve pupils' ability and understanding of the cyberworld so that they are able to communicate safely and effectively in today's society and the future. This will be achieved by exploring the advantages and risks of ICT via age appropriate programmes.

Educate	Social	Responsibility	Citizen	Future
<p>The intent of the Computing curriculum is to develop students who are problem solvers and computational thinkers, which builds on three main strands; Digital Literacy, ICT and Computer Science, each of which are woven throughout the curriculum. Computer Science is a more academic pursuit into the principals of computational thinking (Abstraction, Decomposition, Pattern Recognition and Algorithmic Thinking) and developing systems through the use of programming techniques.</p>	<p>To explore the concepts associated with social media and develop in young people an appreciation of the impact virtual actions have on society.</p>	<p>ICT is a focus on the application of software to support human activities considering the design, usability and trustworthiness to work with/develop digital artefacts.</p> <p>To educate individuals in the responsibility associated with social media and the risks of the virtual world.</p>	<p>Digital Literacy is a focus on functional skills that enable the safe navigation through the world and can be applied across all subjects such as the use of email and standard applications such as the office suite of software (Word, PowerPoint, Excel, Publisher) and internet applications e.g. Google Chrome and the Google suite.</p>	<p>To be aware of the constantly evolving technological landscape,</p>

