

Computing

Curriculum Intent, Implementation and Impact Overview



The intent of our Computing curriculum is to deliver a curriculum which is accessible to all and that will maximise the development of every child's ability and academic achievement in the area of Computing. School has identified key intentions that drive our Computing curriculum. At Ryhill J, I & N School our Computing curriculum intentions are:

Intent	Research link	Implementation	Impact
<p>To build a computing curriculum that:</p> <p>Develops pupil's learning and results in the acquisition of knowledge of the world around them.</p> <p>Prepares pupils to live safely in an increasingly digital British society.</p>	<p>Education Endowment Fund research indicates that:</p> <p>By identifying key learning styles of children will underpin the individual's style of preferred learning. The theory is that learning will therefore be more effective or more efficient if pupils are taught using the specific style or approach that has been identified as their learning style. A successful approach will allow children to make an additional two month's progress.</p> <p>The impact of digital participation has resulted in some improved outcomes being identified in English, mathematics and science. Benefits have been found in both primary and secondary schools, with greater effects on average for younger learners and, in some cases, for disadvantaged pupils. It also acknowledges that wider benefits such as more positive attitudes to learning and increased well-being have been reported.</p>	<p>A clear and effective scheme of work that provides coverage in line with the National Curriculum.</p> <p>Teaching and learning should facilitate progression across all key stages within the strands of digital literacy, information technology and computer science.</p> <p>Access to resources which aid in the acquisition of skills and knowledge. Children will have access to the hardware (computers, tablets, programmable equipment) and software that they need to develop knowledge and skills of digital systems and their applications.</p> <p>Children will have the opportunity to explore and respond to key issues such as digital communication, cyberbullying, online safety, security, plagiarism and social media.</p> <p>Wider Curriculum Opportunities for the safe use of digital</p>	<p>Children will be confident users of technology, able to use it to accomplish a wide variety of goals, both at home and in school.</p> <p>Children will have a secure and comprehensive knowledge of the implications of technology and digital systems. This is important in a society where technologies and trends are rapidly evolving.</p> <p>Children will be able to apply the British values of democracy, tolerance, mutual respect, rule of law and liberty when using digital systems.</p>

		<p>systems are considered in wider curriculum planning.</p> <p>Displays The importance of online safety is shown through displays within the learning environment.</p> <p>Parental Communication Parents are informed when issues relating to online safety arise and further information / support is provided if required.</p> <p>Safer Internet Day As well as opportunities within the scheme of work, children will also spend time further exploring the key issues associated with online safety.</p> <p>Support Careful consideration is given to how greater depth will be taught, learnt and demonstrated within units, as well as how learners will be supported in line with the school's commitment to inclusion. Our most vulnerable children (SEND and Pupil Premium) will be supported to thrive in this subject.</p>	
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