

Computing

Our computing curriculum aims to enhance and develop life-long skills for all our children that can be used in jobs in the future. We focus on engaging children with up-to-date learning and technology and provide them with the tools they need to access all parts of the curriculum.

<u>Intent</u>	<u>Implementation</u>	<u>Impact</u>
• To use computer technology to research and access knowledge and information • To understand and apply the fundamental principles and concepts of computer science. • To evaluate and apply information technology, including new and unfamiliar technologies to solve problems. • To be exposed to breadth, depth and balance in the curriculum. • To create responsible, competent, confident users of technology. • To ensure children understand and participate in internet safety.	• Class teachers and staff discuss/teach online safety at an age appropriate level on a weekly basis. • Each class has 1 computing lesson a week. • Teach Computing scheme of work is used and allows children to develop their skills and cover the different objectives set out in the National Curriculum. • Children use computing skills as appropriate within lessons to research and present their work, demonstrating their understanding. • Children have access to iPads in school, either one between two in Class 1 and Class 2 or one each in Class 3. • iPads are used to develop researching, recording and programming skills across the school. • BeeBots are used for programming in Class 1 and Class 2. • Assemblies on Internet Safety take place at regular intervals and we participate in Internet Safety Day annually. • Work is done on cyber-bullying by each class on a yearly basis. • Children evidence their work by sharing on Google Classroom and by creating QR codes to keep in their books. • Each classroom has a smartboard to allow staff to demonstrate computing skills, share QR codes to interactive resources, share PowerPoints and videos.	• Feedback from the children about their experience. • Regular discussions around online safety have raised the profile of how to stay safe, the importance of being kind to others online and how to deal with online bullying. • Children are more open and honest about their online presence/use. • Children know how to stay safe online; what they should/shouldn't share; are open and honest about technology; think before they act; know how to create a safe password and keep it private; know what they should and shouldn't post online. • Confidence of coding and programming is developing as children move through the school. • Children are taught the skills and knowledge needed to progress through their education. • Children's cultural capital is developed and they are given opportunities for a bright and successful future.

