At Phoenix we aim to prepare our children for a rapidly changing technological world. Technology is everywhere and it plays a pivotal part in our pupil's lives and will continue to do so in the future. Therefore, we want to model and educate pupils on how to use technology positively, responsibly and safely through our computing lessons, which meet the National Curriculum guidelines.

Using Purple Mash, our curriculum encompasses computer science, information technology and digital literacy. Our knowledge rich curriculum is balanced with the opportunity for pupils to apply their knowledge creatively and develop their skills. Our choice of Purple Mash was guided by the needs of our pupils for a comprehensive, inclusive and accessible programme that allows children to learn from both school and home with work saved online. As a program it builds on previous learning year on year so children can apply known skills, as well as develop new ones.

As a school, we believe it is essential that all children develop a respect for technology and what it can do for us but also understand the risks if it is not used with care. Therefore, we put a huge focus on online safety. Each year group starts the year with an online safety unit, making sure the children are clear about how to look after themselves when online and while using a variety of technologies, programs and social media platforms.

As part of this we are looking to build links with National Online Safety (NOS) to ensure our children and community understand the wonders, but also the dangers of the technological world. The NOS provide weekly guides for teachers and parents allowing them to guide and support our children's online journeys with up-to-date knowledge and understanding.

We implement our vision for computing through the Purple Mash curriculum resource. The Purple Mash Computing Scheme of Work is a comprehensive resource aligned to the National Curriculum and EYFS Framework. The learning for each year group is broken into units covering three main components:

• Digital Literacy   • Computer Science   • Information Technology

Within the units are opportunities for all abilities with varying levels of support. From extending learning through open ended application of skills or supporting children through structured activities, it exposes pupils to a wide variety of skills, experiences and real-life scenarios. This allows skills to be learnt during structured tutorials, then mastered and applied in open ended scenarios.

As a school we also encourage further use of technology at home through programs such as TTRockstars and Bug club and as part of our homework tasks set within each year group. We are always developing cross-curricular links with subjects such as Art; using technology programs as a medium to express ideas and hone computing skills.

After the implementation of our computing curriculum, children at Phoenix will be proficient in their use of technology and able to join the rest of the world on its digital platform. They will be equipped, not only with the skills and knowledge to use technology effectively for the benefit of themselves and others, but more importantly – safely. The children will be creators as well as discerning consumers of digital content. They will understand the importance of using the internet- with an awareness of how to keep themselves safe online- while maintaining the awe and wonder of such an incredible tool. They will be instilled with life-long skills that will support them into their future learning and lives.