

Whole School Curriculum Vision in Computing



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| To be effective communicators | Children will use their IT skills to communicate effectively both orally and written, via different computing programs. They will be introduced to a wide range of technical vocabulary, which will be beneficial to their needs, in both school and the wider world. During our computing sessions, the children will complete activities that will promote their use of technical language, whether this is inputting or evaluating different types of data or producing work on how to keep themselves safe online. |
| To have high ambition | Our curriculum promotes computing in a fun and engaging way, which assists the children in becoming more proficient in our world, which is run by technology. It provides children with an insight into the different areas of computing and shows how the children can transfer skills into new programs and situations. Many children have ambitions to work within the field of technology and offering them a broad range of different programs and experiences, provides the children with the opportunity to become ambitious and envisage themselves in a range of careers. |
| To be resilient | Our computing curriculum is designed to provide the children with the opportunity to take on different challenges and problems that allow them to build their resilience to solve them. The children are encouraged to use previous knowledge and skills to assist them in solving the problems, in order to build the resilience they will need both in further education and in the wider world. |
| Key Concepts | End points |
| Code | By the end of Year 6, children will have developed a fluent understanding of the fundamentals of computing. They will use technical vocabulary with fluency, and work with various computing programs with competency. Children will have become more resilient in their approach to different programs and how to overcome issues when using programming and other computing skills. We endeavour to inspire the children to fulfil their career ambitions in computing with confidence. Our main aim is that we want our Year 6 children to leave with a good grasp of technological understanding and a love of technology that will grow into secondary school and beyond. |
| Connect | |
| Communicate | |
| Collect | |