



Intent, Implementation and Impact of Computing

Four Swannes Primary School

Intent

It is our intention to enable children to find, explore, analyse, exchange and present information. We also focus on developing the skills necessary to use information in an effective way. We want children to leave primary school computer literate. Computing skills are a major factor in enabling children to be confident, creative, and independent learners and it is our intention that children have every opportunity available to allow them to achieve this.

We intend to deliver a computing curriculum that develops pupil's learning and results in the acquisition of knowledge of the world around them that ensures all pupils can understand and apply the fundamental principles and concepts of computer science, can analyse problems in computational terms and have repeated practical experience of writing computer programs to solve such problems. We intend to deliver a computing curriculum that prepares pupils to live safely in an increasingly digital British society.

Implementation

Computing lessons are taught using the Purple Mash scheme of work. This is a clear and effective, scheme of work that provides coverage in line with the National Curriculum. Teaching and learning should facilitate progression across all key stages within the strands of digital literacy, information technology and computer science. It can also be accessed from home so children can access the online platform at any time to support their learning. It also provides catch up sessions to aid catch up due to gaps in knowledge due to the school closures (COVID).

Children have access to resources which aid in the acquisition of skills and knowledge. We two class sets of laptops plus smaller notebooks that can be used with small groups.

Children will have access to the hardware and software that they need to develop knowledge and skills of digital systems and their applications.

A clear and effective scheme of work that provides coverage in line with the National Curriculum.

Teaching and learning should facilitate progression across all key stages within the strands of digital literacy, information technology and computer science. Children will have the opportunity to explore and respond to key issues such as digital communication, cyberbullying, online safety, security, plagiarism, and social media.



Parents are informed when issues relating to online safety arise and further information/support is provided if required.

As well as opportunities underpinned within the scheme of work, children will also spend time further exploring the key issues associated with online safety.

Impact

Children will be confident users of technology, able to use it to accomplish a wide variety of goals, both at home and in school.

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.

Children will be able to apply the British values of democracy, tolerance, mutual respect, rule of law and liberty when using digital systems.