Computing - Subject on a Page

SOUTHMINSTER
C OF E PRIMARY SCHOOL

Children talk about their learning in Computing using appropriate and technical vocabulary.

Children understand how to be safe online and in the digital world – i.e. E-Safety and privacy.

Children develop the skills required for modern society.

Follow a clearly sequenced and progressive program of study based on the National Curriculum where children build on prior knowledge and skills.

Children to learn to use a range of electronical and practical resources, such as; Dell 2-in-1s, IPads and BeeBots.

High quality teaching following a mastery approach to the teaching of computing.

Children explore and understand their digital footprint and the impact of this.

Children are confident in using technology responsibly and effectively, in this digital world and Modern Britain.

Children develop their knowledge and technical vocabulary across a unit – adding to their own knowledge organisers.

Intent – Why?

- For children to have the skills required to flourish in Computing so that they can make technology work for them throughout their lives.
- For children to have the skills and opportunities to develop knowledge of wider technologic and the digital world.
- Children are provided with guidance and support to develop their understanding of how to stay safe online in the digital world.
- Provide opportunity for children to discover an interest and potential unique talents in computing, build confidence and nurture well-being to enable them to flourish.
- Enable children to use computational thinking and creativity to further understand our world.
- Allow children to be digitally literate and ready for the next stage in their lives.
- Understand how to participate effectively and safely in the digital world.
- Communicate ideas well by utilising appliances and devices throughout all areas of the curriculum.
- Widen children's vocabulary both in terms of technical language but also descriptive language through their experiences in computing.
- Ensure that children build upon skills and knowledge to support them within modern society.

Children given opportunity develop a range of computing skills – using the 4 C's of Computing (Coding, Communicate, Collect, Connect)

Children apply their computing knowledge to other areas of learning and making cross-curricular connections.

Children are prepared for the next stage of their Computing learning and able to apply their computing skills, knowledge and understanding within different contexts.

Outcomes at the end of Key Stage 2 is in line with other subjects and progress in computing is evident.

Cross-curricular links used to allow children to experience how computing can fit into the wider world.

E-safety lessons are explicitly taught each year to develop children's knowledge and understanding of being safe online – including current issues within education and the wider context.

Succinct assessment based on agreed key learning objectives, outlined in knowledge organisers, used consistently throughout the school.

Pupils have widened computing and technical vocabulary and use this not only in computing lessons, but also in lessons such as Maths.

Children understand how computing impacts on daily life and the wider community.