

Computing Intent, Implementation and Impact



Stoke Prior Primary School



At Stoke Prior Primary School we aim to help children to:

- Be successful and
- Be proud of their school

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Unique
Caring
Curious
Enthusiastic
Self-disciplined
Self-confident

Respect
Ownership
Unity
Dedicated

Vision Statement

Every child is unique and all children can be successful by achieving their best. To do this we expect children to be self-disciplined, caring, curious and enthusiastic. Through achieving success in all that they do, we hope children will become self-confident.

Children, staff, parents and the community should be proud of Stoke Prior School, respecting each other and the school, feeling ownership and working together, and being dedicated and committed to this vision.

Intent

We see computing as an important tool to help bring our children's learning to life;

- To develop computational thinking as a skill directly relating to computing but also as a type of literacy for life and for learning
- To enhance the experiences that are possible as we learn,
- To extend learning and experiences out beyond our school,
- As a communication tool to connect with all members of our community and those outside it,
- To show an understanding of the connected nature of devices,
- To exhibit the ability to connect with others safely and responsibly and with moral and ethical integrity.

Implementation

The school maintains an on-going relationship with Herefordshire's Computing Support Team and the NCCE. Digital Literacy is taught using Project Evolve. Computer Science and IT are taught with the support of Teach Computing. The computing programme of study has been developed to meet the requirements of the New National Curriculum.

Our two-year rolling **long term plan** maps the units to be taught in each term within the school.

Our **medium term plan** for each year group show how computing is integrated across the curriculum.

Our **strand progression map** shows the progression of knowledge and skills throughout the whole school.

Our computing curriculum is divided into three main sections: Computer Science, Information Technology and Digital Literacy.

- Computer Science (coding and networks) is taught in half termly blocks and is taught as stand-alone timetabled lessons.
- Information Technology (using applications and devices) is taught in half termly blocks and then these skills are integrated into the curriculum and is applied cross curricula.
- Digital Literacy (online safety) is taught within computing lessons and is also embedded into our PSHE strands where the importance of keeping children safe is of priority.

iPads are seen as the main technology in our school and are timetabled to each class with additional availability. Laptops are also available for classroom use.

We publish information about the content of our curriculum in each class via a termly curriculum newsletter which is sent to parents and made available on our website.

Formative assessment is ongoing to assess, modify and improve attainment.

Evidence gathering takes place throughout each unit in order to document learning, to aid retention and to assess teaching and learning with technology.

Impact

Progress is measured through a child's ability to know more, remember more and explain more using appropriate vocabulary. This can be measured in different ways.

- Teachers' ongoing assessment of skills through observations and questioning.
- Regular discussions with pupils regarding their digital literacy.
- Teacher and peer feedback.
- Photographic and video evidence in floor books and Seesaw

Most children feel confident in their IT skills and know how to keep safe through digital literacy. Pupils are excited about computing and are enthusiastic to learn more. They see the relevance of their computing skills in day to day life and for future opportunities. Some children are inspired to continue their learning independently at home.