Working and learning together for success

Sarisbury Church of England Junior School

Computing Policy Statement
September 2018

> **ICT has enormous potential not just for a National Curriculum. It will change the way we learn as well as the way we work.**
> *Chris Yapp, ICL Fellow for Lifelong Learning*
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> **The modern world requires new skills. Understanding ICT and, more importantly, being able to apply it to the problems we face is one of the most important. Increasingly ICT will be vital for our individual prospects and for our economy's future.**
> *Lord Dennis Stevenson, Prime Minister's Adviser on ICT and Education*
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> **ICT expands horizons by shrinking worlds.**
> *David Brown, Motorola Ltd*

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Computing Policy Statement

At Sarisbury CE Junior School we believe that the use of ICT is a vital skill in a constantly evolving technological society. We therefore aim to provide all children with the opportunity to access a rich source of materials through Computing provision. Through a structured and progressive approach to Computing, we aim to help pupils to become knowledgeable about the nature of information available and of its developments, as well as gain confidence in using a range of technology (such as computers, tablets, digital cameras and recording equipment). We aim for children to develop the ability to communicate and manipulate information independently in a variety of contexts and fundamentally for children to have a positive attitude towards using computers to support their learning across the curriculum. Children should be able to see the purpose of ICT and how it can be used effectively.

Our Aims
At Sarisbury CE Junior School we aim to:
- Help pupils to acquire the skills to use appropriate ICT tools effectively with purpose and enjoyment.
- Motivate and enthuse pupils in the use of ICT.
- Promote the use ICT to enhance children's learning in all areas of the curriculum.
- Introduce the children to a wide range of high quality hardware and software.
- Develop children's confidence and use of ICT for a variety of purposes.
- Provide children with opportunities to communicate and handle information.
- Present and deliver information in a range of ways which help pupils understand, assimilate, communicate and use it more readily.
- Provide a relevant, challenging and enjoyable curriculum for Computing for all children.
- Keep up to date with current ICT developments and implement them where appropriate.
- Ensure that pupils know how to safely use ICT.
- Ensure that relevant software and operating systems are up to date to reflect how ICT is also used outside of school.
- Meet the requirements of the National Curriculum Programmes of Study for Computing.
- Ensure clear progression is evident and planned for, using specific software to support this outcome.

Our Strategies

At Sarisbury CE Junior School we seek to involve a wide range of strategies to meet the individual needs of our pupils in Computing by providing:

- Access to software and hardware which meet the needs of the curriculum and enables children to apply their ICT skills to "real life" situations.
- A scheme of work and medium term plans in each year group based on the National Curriculum programmes of study that ensures progression of skills and makes rich and relevant links within our existing project structure.
- Opportunities to embed ICT as a tool to support learning and teaching across the curriculum.
- Providing opportunities for exploration of software and what can be achieved on different pieces of software.
- Activities that support inclusion. All learners will have the opportunity to develop their ICT capability.
- Gifted and able learners to be provided with valuable extension opportunities that evaluate the use of ICT for different purposes and audiences.

Our Resources

At Sarisbury CE Junior School:

- A new networked ICT suite with 32 student computers, which are fully compatible with all software and hardware, and an interactive whiteboard
- All classes have access to an interactive whiteboard/Interactive Panel
- A laptop for each teacher/office staff as well as some spares for part-time/cover staff and LSAs
- A networked and shared computer in the Year 5 shared area
- 1 networked computers for staff use in a designated PPA room
- 2 networked computers in the Nurture Room for staff and child use
- 2 networked computers for staff and child use in the library
- 1 networked computer and interactive whiteboard in the tutor room to be used for delivering interventions
- 16 LearnPad tablets in a locked trolley.
- 30 netbooks in a locked trolley.
- A full wireless system allowing laptops to be networked across the school.
- A range of relevant software to support the National Curriculum – for example: word processing, databases, control technology/programming, graphic modelling and sound/picture manipulation, e-mail and multimedia
- Additional digital projectors in the hall and a portable projector as a spare.
- A set of digital cameras.
- 2 networked colour photocopiers
- A networked printer in the school office
- Broadband Internet access (provided and screened by SchoolCare - see Internet policy).

Our Computing Subject Leader
Computing development at Sarisbury is led by Jonathon Langdon. He will:
- Seek to enthuse pupils and staff about ICT and promote high standards of achievement and high quality provision.
- Advise and support staff in the planning, delivery and assessment of Computing.
- Provide basic planning and resources for the teaching of Computing (including opportunities for greater depth).
- Manage and develop all resources for Computing.
- Monitor and evaluate the use of ICT and the Computing curriculum throughout the school, ensuring continuity and progression.
- Keep up to date with current developments by attending courses, liaising with colleagues from other schools, and use this as a basis for staff development activities.
- Provide opportunities for our gifted and talented pupils to participate in Computing activities both in and out of school.
- Continue to promote and raise the profile of ICT throughout the school.

Assessment, Record Keeping and Reporting
In order to ensure continuity, progression and high standards of achievement in Computing, assessment for every child will include:
- Ongoing formative assessment through observations and dialogue with children – to form basis for individual targets / 'next steps'
- A summative assessment of each child's progress in ICT over the year will be provided in their end of year report.
- Summative assessments of each child at the end of each unit to ensure that planning is accessible and accurately pitched.
- A portfolio of work will be collated to see the progress of Computing over the time in school and ensure units are completed accurately.
- Pupils will save work on the school network in designated folders so that it can be found easily. Other work may be printed and filed within the subject from which the task was set.
- An Computing assessment folder which will form the basis for a portfolio of work across the school.

Our Success Criteria
We expect 85% of our children to attain standards in line with or above those stated in the NC end of key stage age related expectations