St Laurence Church Infant School

Computing Policy

Approved by: Headteacher

Last revised on: May 2025

Next review due by: May 2028

As a Rights Respecting School, our Computing curriculum enables our children as rights holders to learn how to be safe when online and how to use different technology for a range of purposes in a digitally changing world.

Our children told us:

When we do Computing we get to use the iPad's we can make things move by giving them instructions and draw pictures. We also learn how to be safe on the computer.

Intent

We now live in a digital age where a use of technology is not a choice but is essential for almost every aspect of independent adult life. We want our children to be confident to navigate this technology, to understand its benefits, make informed decisions and to be able to keep themselves safe in online environments. We aim to develop confident, independent learners who are able to plan, design, create, program and evaluate information through the use of ICT.

Computing at St Laurence Church Infant School should not just be seen as a subject for its own sake, but also as an essential tool to enrich cross curricular learning. By teaching children to be digitally literate we are giving them tools to enhance their scientific, creative and humanitarian learning and to communicate and interconnect with the whole world.

Our Computing Curriculum is designed to develop five core characteristics in our pupils, which we believe will lay the foundations for them to be lifelong learners and good global citizens. These drivers are:

Our aims in teaching Computing at St Laurence Church Infant School help all children to..

- **Feel part of a Community** by:
  - working as part of a team
  - Experiencing success and failure
- **Be Creative** by:
  - Using different media to create pictures or stories.
  - Learning a range of skills and strategies to achieve success

"Do all things with love: Love for learning, life and each other"

- **Develop Curiosity** by:
  - o Fostering enjoyment
  - o Giving opportunities to experiment with how different technology works
- **Communicate confidently** by:
  - o Using different mediums to communicate with others
  - o Developing our interpersonal skills and life-long participation.
  - o Evaluating our own and other's work
- **Care for ourselves, others and our world**
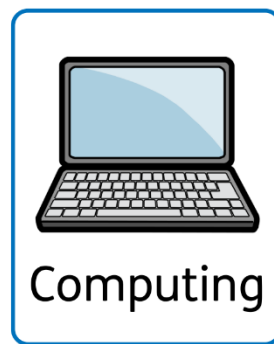 - o Building resilience
  - o Respecting the views of the others

Implementation

How we teach Computing

The Computing curriculum for Early Years Foundation Stage and Key Stage One will be taught through exploration and discrete Computing lessons. Staff use the Computing Subject Jingle at the beginning of each session along with the visual timetable icon to ensure children articulate what Computing is like at St Laurence Church Infant School.

Computing Jingle: *(To the tune of Twinkle Twinkle Little Star)*

Computing is all about technology,

It is useful for you and me,

Staying safe online and having fun,

Pressing Save when we are done

Using an Ipad and computer,

We'll be ready for the future!

Our Computing curriculum ensures that children in Key Stage One are gaining the skills outlined in The National Curriculum. We use stories to help teach the children about E-Safety and ensure that these messages are repeated throughout the year during Computing lessons as well as in our PSHE lessons. The children use iPads to learn and practise the skills being taught. We also ensure that the children are learning and practising basic computing skills such as learning to use a keyboard, saving and retrieving work. This provides a solid foundation to help them build on when learning new skills in Key Stage One.

As a school we recognise International Internet Safety Day, using this opportunity to remind our children of the E-Safety messages that we have covered in the teaching of the curriculum.

How we teach Computing in EYFS

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In the EYFS, an exploratory approach allows children to experiment with the use of technology including use of iPads, e-readers and programmable toys so that when they reach Key Stage One they are already familiar with the technology used across school and have formed a foundation of skills needed. Children will have continual access to Computing facilities throughout the Foundation Stage. Equipment includes the interactive whiteboards, programmable toys and iPads. The equipment is used to teach discrete Computing skills and to support and enhance learning in all areas of the EYFS. Teachers ensure that access to classroom-based Computing equipment is fair and available to all children.

How we teach Computing in KS1

In KS1 children follow a skills-based approach through discrete computing lessons following a scheme of work, and also through exposure and use of technology in a cross curricular way. Children are taught the skills to use technology or an application before they utilise this in other aspects of their learning. Children work individually or in mixed ability groups showing how to use their skills in a variety of ways. Each class in Key Stage One will have timetabled sessions each half term for the teaching of dedicated computing skills. This may be used as whole class teaching or in smaller groups as the teacher feels appropriate.

Some aspects of the computing curriculum, especially those relating to e-safety are so important that they are reinforced through PHSE and through an annual whole school internet safety day.

How we ensure all children access the Computing curriculum.

At St Laurence Church Infant School all children access the Computing curriculum regardless of ability. Wherever practicable we will ensure that activities are inclusive and adapt them accordingly. Additional support may be provided by staff in order to meet the needs of individual children.

How we assess Computing

Assessment for learning strategies apply to Computing as to all other subjects; judging what a child can do and what they need to learn to do next to develop their skills. In lessons, success criteria are shared with the children and how they can improve and develop their knowledge and skills in line with the Computing knowledge and skills progression map. Photographs and observations are used to evidence children's progress and these can be evidenced in floor books and gallery boards in the classrooms as well as digitally on our online platform.

How is the teaching and learning of Computing monitored?

The subject lead has regular discussions with class teachers and sports coaches about the delivery of the Computing curriculum. The Subject Lead provides support with lessons planning and delivery, monitors teaching and learning and speaks to pupils to monitor effective

implementation of our Computing curriculum. Feedback from any monitoring then informs future plans and adaptations to suit the developing learning needs of our children.

Impact

Our Computing curriculum improves the wellbeing and digital literacy of our children through the different skills we teach. We equip our children with the necessary skills to use technology in a continuously changing digital world. The skills, knowledge and vocabulary gained throughout their time being taught the Computing Curriculum at St Laurence Church Infant school, ensures all children are able to Feel part of a **Community,** Be **Creative**, Develop **Curiosity**, **Communicate** confidently and **Care** for ourselves, others and our world.

Review

This Policy will be reviewed within the next 3 years or before if there are changes to the Computing curriculum.

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