

Computing Policy

Leasingham St. Andrew's Church of
England Primary School

'Everything you do, do in love'



Reviewed and updated: February 2025

Next review: February 2028

1). Rationale and Principles

The school aims to provide opportunities for the children to develop and further their understanding of Computing in all areas of the curriculum.

This policy aims to outline the purpose, nature and management of the computing taught in our school.

Through the teaching of Computing, we aim to reflect and live-out the vision of Leasingham St. Andrew's Church of England Primary School.

Everything you do, do in love'

At St Andrew's, we seek to be a safe and happy environment, inspiring our school family to be positive participants in the world community. A place where we are all encouraged, through love and service, to be the very best.

John 13:34 'Love one another, as I have loved you'

We aim to demonstrate the following 'golden threads' through the subject of Computing.

- High aspirations permeate across the school.
- The school offers a host of cultural experiences and enrichment opportunities.
- Our children develop a love of life-long reading.
- British Values are an intrinsic part of the school.

2). Intent

At Leasingham St. Andrew's school we want pupils to become masters of technology and not slaves to it. Technology is everywhere and will play a vital role in pupil's lives. Therefore, we want to model and educate our pupils on how to use technology positively, responsibly and safely. We want our pupils to be creators not consumers and our broad curriculum encompassing computer science, information technology and digital literacy reflects this. We want our pupils to understand that there is always a choice when using technology and as a school we utilise technology to model positive use. We recognise that the best prevention for a lot of issues regarding technology is through education.

Technology allows pupils to share their learning in creative ways and can provide accessible opportunities for all pupils. Our knowledge rich curriculum must be balanced with the opportunity for the children to apply their knowledge to help them become skilful computer scientists.

We encourage staff to try and embed computing across the whole curriculum and want our pupils to be fluent with a range of tools to best express their understanding. We hope that higher up the school the children will have the independence and confidence needed with technology in their next stage of education and in later life.

3). Implementation

The programmes of study set out in the Statutory Orders form the content of the school curriculum for Computing

In the Foundation year, children may be introduced to suitable software, Interactive screen, Beebots and Ipads. To support their transition to Year 1, EYFS are also given time to explore Mini Mash; an area within Purple Mash designed for EYFS.

In Key stage 1 and 2 children may have experience with:

- Laptop's and related software
- Beebots
- Interactive whiteboards
- Visualisers
- Dataloggers
- Music systems
- Ipads

Children in both key stages are taught as a class. All teachers are responsible for planning and teaching Computing, using the Purple Mash scheme of work as a basis and supplementing where appropriate.

Children with Special Educational Needs will have full access to the complete Computing entitlement, and in addition whatever software may be deemed appropriate to their particular needs.

Teachers should make themselves familiar with the regulations and procedures for dealing with all aspects of computing, as laid down in the school's Health and Safety Policy, and ensure that they are carried out accordingly, including when non-teaching staff and helpers are involved in supervisory roles concerning computing.

Before any child is allowed to log on to the network, their parents must have signed the agreement form provided in their welcome pack. It is the class teacher's responsibility to ensure that this has happened. At the start of KS2, children will be asked to sign a new form for responsible internet use.

4). Impact

We encourage our children to enjoy and value the curriculum we deliver. We will constantly ask the WHY behind our learning and not just the HOW. We want learners to discuss, reflect and appreciate the important computing has on their learning, development and well being,

Finding the right balance with technology is key to an effective education and healthy lifestyle. We feel the way we implement computing helps children realise the need for the right balance and one they can continue to build on into their next stage of education and beyond. We encourage regular discussions between staff and pupils on how it is best to understand and embed this. The way pupils showcase, share, celebrate and publish this work will best show the impact of our curriculum. We also look at evidence through reviewing pupil's knowledge and observing learning. Progress of our computing curriculum is demonstrated through outcomes and the record of coverage in the process of achieving these outcomes. Teachers make informal assessments at the end of each unit; an assessment is made on the evidence gathered and recorded on Insight Tracker. These are also reported in the school's annual report.

5). Role of the Subject Leader

At Leasingham St Andrew's Church of England Primary School, the role of the computing subject leader is to ensure that children make sufficient progress through each year group, acquiring and applying key knowledge. This will be achieved by:

- Securing high quality teaching.
- Ensuring that planning meets the requirements of the school's agreed curriculum.
- Monitoring the effective use of resources.
- Having oversight of curriculum coverage and ensuring that the curriculum meets national requirements.
- Developing assessment and record keeping, ensuring progression and continuity.
- Ensuring that colleagues are aware of expectations and supporting them in teaching the subject through the progressive and sequenced curriculum map.
- Action planning for future development.

- Ensuring that appropriate resources are in place to deliver a rich and challenging curriculum.
- Monitoring the effectiveness of teaching and the impact on learning and standards.
- Evaluating and summarising all aspects of the subject to define next steps for improvement.
- Keeping abreast of development in subject education and media usage.

Also, the role of the Computing Co-ordinator is to ensure that the necessary hardware and peripherals are purchased and maintained, to offer advice and help where necessary and to keep abreast of current developments in the subject area along with Ark ICT Management. It is the responsibility of the ARK ICT management to load any new software, maintain hardware and to monitor internet use.

6). Assessment

At Leasingham St. Andrew's Church of England Primary School, we assess the children's work in Computing by making informal judgements as we observe the children during lessons. At the end of each long term (Autumn, Spring and Summer), teachers will make a judgment as to whether each child is on track for end of year expectations, as outlined in the computing curriculum map. This is recorded on the school's online assessment system, Insight. Judgements are as follows:

- Below
- Just Below
- On Track
- Greater Depth

7). Health and Safety/Security

HEALTH AND SAFETY

The school is aware of the Health and Safety issues involved in children's use of computing equipment. The school will dispose of redundant equipment responsibly by selling, advertising in the County disposal bulletin, offering to charities or disposing of safely and appropriately. E-safety is an integral part of learning for all children.

SECURITY

- All equipment will be security marked and noted in the school inventory.

- Ark will be responsible for regularly updating anti-virus software.
- No discs from outside school should be allowed in machines without permission from the Computing coordinator.
- Use of computing equipment will be strictly in line with the school's 'Acceptable Use Policy' and E-Safety Policy
- Parents will be made aware of the 'Acceptable Use policy' and will be asked to give signed permission for their children to use computers, the Internet and e mail in school.
- All pupils and parents will be aware of the School Rules for responsible Use of computing equipment and the Internet and will understand the consequence of any misuse.
- Children should not bring homework into school held on memory sticks or external drives. Computing based homework should be emailed to the office.

8). Early Years Foundation Stage (EYFS)

In Reception, we look at ICT holistically across all areas of learning as it is an integral part of children's everyday lives. We incorporate ICT into topic work as appropriate and also allow opportunities for ICT during child-initiated learning. This may include, but is not limited to, the use of 'Purple Mash' on the interactive whiteboard, adult guided use of Google or Google maps to explore the wider world or programming the Beebots to explore control technology. Later in the Reception year we introduce the use of iPads to support learning in mathematics, phonics and English.

9). Differentiation including catering for children with Special Educational Needs

At Leasingham St. Andrew's Church of England Primary School, we aim to encourage all children to reach their full potential in Computing through the provision of varied opportunities and responding and adapting our teaching to the children's individual needs. We recognise that our curriculum planning must allow children to gain a progressively deeper understanding and competency as they move through our school. Children with specific needs, such as those in receipt of an Educational Health Care Plan (EHCP) will work on outcomes suited to their own abilities.

10). Equal Opportunities

At Leasingham St. Andrew's Church of England Primary School, all children will be given equal access to Computing irrespective of race, gender and creed, level of ability or nationality. Mutual respect and tolerance for all cultures will be promoted through the study of Computing.

11). Resources

At Leasingham St. Andrew's Church of England Primary School, there are:

- A number of iPads that can be used to support enhance the children's learning experience
- Interactive whiteboards in each classroom
- Interactive whiteboards in Computing Hub and intervention room.
- 36 Chromebook Laptops

In addition to this, all members of staff have a school laptop.

12). Monitoring and Evaluation

To monitor and evaluate computing, the subject leader:

- Supports teachers via explaining the progressive curriculum map, discussing the key concepts in computing, co-planning, team teaching, observing and giving feedback.
- Monitors teachers' medium-term planning against the progression contained in the curriculum map.
- Reviews resource provision.
- Works co-operatively with the SENDCo
- Reviews the progress with implementing this policy in the school with the Headteacher and/or subject governor.
- Collects half termly evidence of children's work.

The school's governor monitoring programme includes monitoring of individual subjects by governors, to support and challenge the subject leaders.

13). Disability and Equality Statement

This policy has been written with reference to and in consideration of the school's Disability Equality Scheme. Assessment will include consideration of issues identified by the involvement of disabled children, staff and parents and any information the school holds on disabled children, staff and parents.

Any questions or concerns regarding this policy should be made to the Headteacher.

