



Computing Policy

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Introduction

At Stanley Crook Primary School, we recognise that technology plays an increasingly important role in children's lives both now and in the future. Computing equips pupils to participate safely, responsibly and effectively in a rapidly changing digital world.

Computing is an integral part of the National Curriculum and provides opportunities for pupils to develop knowledge and skills in computer science, information technology and digital literacy. Through a broad, balanced and progressive curriculum, pupils learn to use technology creatively, critically and responsibly whilst developing resilience, problem-solving skills and computational thinking.

The school is committed to ensuring that all pupils have access to high-quality computing experiences which support learning across the curriculum and prepare them for the next stage of education and life in modern Britain. This commitment is reflected throughout the curriculum and is supported by the school's safeguarding, inclusion and digital learning strategies.

Aims

The aims of Computing education at Stanley Crook Primary School are to:

- Deliver a broad, balanced and ambitious Computing curriculum for all pupils.
 - Meet the requirements of the National Curriculum for Computing.
 - Develop pupils' understanding of computer science, information technology and digital literacy.
 - Enable pupils to become confident, creative and independent users of technology.
 - Foster computational thinking, resilience and problem-solving skills.
 - Promote safe, responsible and respectful behaviour online.
 - Support pupils in understanding how technology is used in the wider world.
 - Enable pupils to use technology to communicate, collaborate and learn effectively.
 - Ensure that all pupils, regardless of background or need, can achieve success in Computing.
 - Prepare pupils for the opportunities and challenges presented by existing and emerging technologies, including artificial intelligence (AI).
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National Curriculum Intent

The National Curriculum for Computing aims to ensure that all pupils:

- Understand and apply the fundamental principles and concepts of computer science, including abstraction, logic, algorithms and data representation.
 - Analyse problems in computational terms and have repeated practical experience of writing computer programs in order to solve such problems.
 - Evaluate and apply information technology, including new and unfamiliar technologies, analytically to solve problems.
 - Become responsible, competent, confident and creative users of information and communication technology.
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Curriculum Intent

Our Computing curriculum is designed to:

- Develop secure substantive knowledge and disciplinary skills in Computing.
 - Build understanding progressively from the Early Years Foundation Stage through to Year 6.
 - Ensure pupils understand how digital systems work.
 - Enable pupils to create, manipulate and evaluate digital content.
 - Promote high standards of online safety and digital citizenship.
 - Equip pupils with the skills needed to participate safely and successfully in the modern digital world.
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Curriculum Implementation

Stanley Crook Primary School uses the National Centre for Computing Education (NCCE) Teach Computing Curriculum as the basis for curriculum planning. This provides a carefully sequenced programme of learning that ensures progression across all year groups. [\[Computing...olicy 2026 | PDF\]](#)

Learning is organised through three strands:

Computer Science

Pupils develop understanding of:

- Algorithms
- Programming
- Computational thinking
- Data representation
- Networks and systems

Information Technology

Pupils learn to:

- Create and manage digital content
- Use technology to communicate and collaborate
- Collect, analyse and present data
- Use a variety of software and digital tools effectively

Digital Literacy

Pupils learn to:

- Use technology safely and responsibly
- Critically evaluate online content
- Understand privacy and security
- Manage their digital footprint
- Recognise risks and know how to seek support

Computing skills are applied across the wider curriculum wherever appropriate to enhance learning and engagement.

Early Years Foundation Stage

Technology is incorporated throughout the EYFS curriculum through purposeful play, exploration and investigation.

Children are provided with opportunities to:

- Explore a range of technology.
- Develop problem-solving skills.
- Use programmable and interactive devices.
- Engage in imaginative role-play involving technology.
- Use digital tools to create, communicate and record learning.
- Build confidence in using technology safely and responsibly.

These experiences contribute towards the Early Learning Goals and support children's understanding of the world.

Inclusion and Equal Opportunities

Stanley Crook Primary School is committed to ensuring that all pupils have full access to the Computing curriculum.

Teachers will provide appropriate support, challenge and reasonable adjustments to ensure participation and achievement for all pupils, including:

- Pupils with SEND.
- Pupils with an Education, Health and Care Plan (EHCP).
- Pupils eligible for Pupil Premium.
- Pupils with English as an Additional Language (EAL).
- More able pupils.

Teaching will be adapted as necessary to remove barriers to learning and ensure that all pupils can access, participate in and succeed within the Computing curriculum.

The school will meet its duties under the Equality Act 2010 and will not discriminate on the grounds of protected characteristics.

Online Safety

Online safety is embedded throughout the Computing curriculum and wider curriculum.

Pupils are taught age-appropriate knowledge and skills to help them:

- Stay safe online.
- Protect their personal information.
- Recognise and report concerns.
- Understand healthy online relationships.
- Recognise cyberbullying and inappropriate behaviour.
- Evaluate online information critically.
- Understand privacy, security and digital footprints.
- Recognise risks associated with misinformation and disinformation.
- Use emerging technologies, including artificial intelligence, safely and responsibly.

Online safety education is delivered through Computing lessons, wider curriculum opportunities, assemblies and pastoral support.

Any online safety concerns will be dealt with in accordance with the school's Safeguarding and Child Protection Policy.

Safeguarding

Stanley Crook Primary School recognises that safeguarding is everyone's responsibility.

The Computing curriculum contributes significantly to safeguarding by helping pupils understand how to remain safe online and make responsible decisions when using digital technologies.

Concerns relating to pupils' online activity may constitute a safeguarding issue and will be managed in accordance with the school's Safeguarding and Child Protection Policy and reported to the Designated Safeguarding Lead where appropriate.

Artificial Intelligence (AI)

The school recognises that artificial intelligence is becoming increasingly prevalent within society and education.

Pupils will be taught to:

- Understand that AI-generated information may not always be accurate.
- Think critically about digital content.
- Evaluate information from a range of sources.
- Use technology responsibly and ethically.

Staff will use AI technologies in accordance with the school's Data Protection Policy, Online Safety Policy, Acceptable Use Agreements and safeguarding procedures.

Resources

The school is committed to maintaining, updating and developing Computing resources to support effective teaching and learning.

Resources may include:

- Laptops and desktop computers.
- Tablets and mobile devices.
- Interactive technology.
- Programmable equipment.
- Digital media equipment.
- Educational software and online learning platforms.

All equipment will be maintained and managed in accordance with the school's Health and Safety Policy and relevant technical support arrangements.

Planning

Teachers plan learning using the school's agreed curriculum framework and progression documents.

Planning ensures:

- Clear progression of knowledge and skills.
- Appropriate challenge for all learners.
- Opportunities for retrieval and consolidation.
- Effective use of technology across the curriculum.
- Integration of online safety throughout learning.

Assessment

Assessment is an integral part of teaching and learning.

Teachers assess pupils through:

- Classroom observation.
- Questioning and discussion.
- Practical outcomes.
- Review of digital work.
- Self-assessment and peer assessment where appropriate.
- End-of-unit assessment activities.

Assessment information is used to:

- Inform future planning.
- Identify misconceptions.
- Monitor progress and attainment.
- Support reporting to parents.
- Inform subject leader monitoring and school improvement priorities.

Assessment arrangements will remain consistent with the school's Assessment Policy.

Data Protection and Digital Security

All staff and pupils are expected to use technology responsibly and securely.

The school will:

- Comply with UK GDPR and the Data Protection Act 2018.
- Ensure personal information is processed appropriately.
- Promote secure password practices.
- Implement filtering and monitoring systems.
- Maintain appropriate cybersecurity measures.
- Provide training and guidance where necessary.

All staff, volunteers and pupils must adhere to the school's Acceptable Use Agreements and associated procedures.

Health and Safety

The school recognises the importance of promoting safe use of technology.

The school will ensure that:

- Equipment is maintained and tested in accordance with statutory requirements and the Health and Safety Policy.
 - Pupils are supervised appropriately when using technology.
 - Workstations are used safely and sensibly.
 - Faults and defects are reported promptly.
 - Staff and pupils understand safe working practices.
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Monitoring and Evaluation

The Computing Subject Leader is responsible for leading and developing the subject throughout the school.

Monitoring activities may include:

- Lesson visits.
- Learning walks.
- Work scrutiny.
- Pupil voice activities.
- Assessment analysis.
- Staff discussions.
- Review of planning and curriculum implementation.

Findings will inform subject action planning, staff development and wider school improvement priorities.

Governors will receive appropriate information regarding the effectiveness of Computing and will monitor implementation of this policy.

Roles and Responsibilities

Headteacher

The Headteacher will:

- Ensure effective implementation of this policy.
- Support high-quality teaching and learning in Computing.
- Ensure adequate resources are available.
- Promote safe and responsible use of technology.

Subject Leader

The Subject Leader will:

- Lead curriculum development.
- Monitor standards and provision.
- Support colleagues.
- Maintain appropriate resources.
- Keep up to date with national developments.
- Contribute to school improvement priorities.

Teachers

Teachers will:

- Deliver the agreed curriculum.
- Promote online safety.
- Assess pupil progress.
- Ensure inclusion for all pupils.
- Follow safeguarding and data protection procedures.

Linked Policies

This policy should be read alongside:

- Safeguarding and Child Protection Policy
- Online Safety Policy
- Behaviour Policy
- SEND Policy
- SEND Information Report
- Equality Information and Objectives
- Accessibility Plan

- Data Protection Policy
 - Acceptable Use Policy
 - Staff Code of Conduct
 - Health and Safety Policy
 - Assessment Policy
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Review

This policy will be reviewed annually by the Computing Subject Leader, Headteacher and Governing Body, or sooner if national guidance or local requirements change.