NORTHCOTE PRIMARY SCHOOL

Computing Policy

Introduction

There are three aspects of the Computing curriculum: computer science, information technology and digital literacy. Computing education is delivered through discreet lessons and is applied cross-curricular. At Northcote Primary school, we follow the Teach Computing curriculum.

Aims
1. To develop understanding of computer science, in which pupils are taught the principles of information and computation, how digital systems work and how to put this knowledge to use through programming.
2. To enable pupils to use information technology to create programs and a range of content.
3. To ensure that pupils become digitally literate – able to use, and express themselves and develop their ideas through information and communication technology – at a level suitable for the future workplace and as active participants in a digital world.
4. To enrich and extend learning through the use of computing across all subjects.
5. To ensure compliance with statutory requirements.
6. To ensure continuity and progression in the delivery of the curriculum to pupils.
7. To establish appropriate record keeping and assessment procedures.
8. To educate and empower children to use all aspects of computing safely and responsibly.

Curriculum Organisation
Class teachers are responsible for the delivery of Computing through National Curriculum subjects and delivering discreet computing lessons. The children will have the opportunity to work individually, in small groups and as a whole class in their classrooms and in the school's computer suite.

Assessment, Monitoring and Evaluating
Class teachers are responsible for the assessment and recording of pupils' Computing outcomes, using objectives from the Teach Computing curriculum. Computing activities should lead to a range of outcomes for assessment purposes and be used as an aid for future planning to ensure coverage, continuity and progression. The subject coordinator will undertake regular monitoring.
During monitoring cycles, coordinators will look at children's work and projects, speak to teachers, interview children to gather child's voice and analyse data submitted.

Additional Education Needs and Differentiation

All pupils have access to equipment and software as identified in the school's SEND policy. Computing tasks will be inclusive and differentiated according to children's individual needs. Planning of computing activities throughout the school provides pupils with experiences which consolidate skills acquired in previous years, build on strengths and support continuity and progression.

Equal Opportunities

Computing is a subject that is rich in opportunities to provide positive images of race, religion, culture, ethnicity and gender for children at Northcote Primary School. It is also a subject that allows our children to understand that some people have / have had negative attitudes towards those who are different from themselves. Through their teaching and the careful use of resources, staff will challenge such attitudes and allow boys and girls of all races, religions, cultures and background to acquire a sense of self-worth and self-belief.

Health and Safety

Safety is of paramount importance. Hardware is only to be operated if it is in a safe condition, trailing leads should be avoided. Class teachers are responsible for the setting up and safe storage of equipment. All electrical equipment is tested annually or sooner where required. Children are not permitted to use computers or digital equipment unless supervised. Children's internet searches are restricted and carefully monitored with the use of Smoothwall, alerting computing coordinators and safeguarding lead in the event of an inappropriate search. Parents and children are asked to read and sign our 'Rules for Responsible Internet Use' document, annually. Mobile phones and other digital devices are strictly prohibited for children and all staff reinforce this. Staff are expected to check internet searches and content for their lessons before the children access them. Staff are given a copy of the 'ICT Acceptable Use Policy Agreement' annually to read and sign.

Staff CPD

All staff are encouraged to upgrade their skills in Computing. The subject coordinators will provide necessary training as appropriate. Staff questionnaires are completed annually to provide coordinators with feedback and areas for development.

Technical Support

Teachers requiring any technical support are advised to record any issues or faults in blue ICT folder, located in the staff room. Ben Watts, our technician, is in school every Friday morning and will look to resolve the matter as soon as possible.

Member of staff responsible: **Mrs Akyurek and Mr Scott**
Date Policy written: **July 2020**
Date reviewed: **July 2024**
Next review due: **July 2026**

Date approved by Governors:
Signature of Chair of Governors: