

Brough Primary School



Computing Policy

Policy Date	November 2017
Policy Review Date	November 2019
Lead Person	Claire Swanborough Helen Shepherdson

Related Policies: Online Safety Policy, Social Media Policy, Acceptable Use Policies (pupils/staff/parents), Anti-Bullying Policy (Cyber Bullying), School Technical Security Policy

Introduction:

At Brough Primary School, we value the contribution that technology can make for the benefit of all pupils, staff, parents and governors. We strive to provide safe opportunities in all subjects to motivate and inspire pupils and raise standards across the curriculum. Everyone in our school community will become lifelong learners equipped to meet developing technology with confidence, enthusiasm and the skills that will prepare them for a future in an ever-changing world.

Aims:

- To enable our staff and pupils to become competent, confident and independent users of technology.
- To provide pupils with the technology based skills necessary to become independent learners.
- To develop a creative approach to the teaching and learning of Computing.
- To promote safe and sensible use of technology through dedicated E-safety teaching and learning.
- To use new technologies to enable quality teaching and learning to take place.
- To ensure appropriate and equal access to technology for all children regardless of age, gender, ethnicity or ability.
- To commit to the Continuous Professional Development of Computing.
- To ensure our pupils take advantage of the ever quickening pace of technological change.
- To provide pupils with an understanding of the role technology plays in everyday life at present and its importance in the future.

Teaching and learning:

The school uses the “Rising Stars: Switched on Computing” as the basis for its curriculum planning. This scheme provides complete coverage of the National Curriculum Computing Programme of Study, which allows us to deliver a broad and balanced curriculum. Within the scheme there are clear progression of skills from Early Years to Year 6 through exciting and engaging Computing projects.

The long-term plan maps the Computing projects that the children study in each term throughout the academic year. This is divided into year groups. The projects can be linked to the year group’s current topic or they can stand alone if a link is not possible. Our long-term Computing plan shows how teaching units are distributed across the year groups, and a show a clear progression of skills.

Our medium and short term plans, which we have adopted from “Rising Stars: Switched on Computing”, gives details of each project for each half term. They identify the key learning

objectives and outcomes for each project, and also assessment tasks. The subject leader is responsible for overseeing the correct coverage of the Computing curriculum.

The projects within our Computing teaching are planned to build upon prior learning and offer challenge at all levels. We ensure opportunities are there for children of all abilities and age to develop their skills and knowledge within each project. There is visible increased skill challenge within Computing as the children progress through the school.

Children are timetabled for at least one session per week within the Computing suite, for a Computing lesson. In addition to this, children may use the Computing suite and/or the laptops for additional sessions during the week to carry out Computing-based work in other subject areas. Children also have access to iPads for use in all curriculum areas.

Within the classroom there are Interactive Whiteboards (IWBs) which are used throughout the day for whole class teaching, collaborative activities by pupils and for children to demonstrate what they have learned or to display work they have done.

Teaching staff are supported by the subject leader to make extensive use of resources for pupils to use from the school network or online. The subject leader supports staff with the implementation of new hardware and software. The subject leader will periodically observe the use of technology within lessons, to ensure that technology is used appropriately and progression of skills is evident.

The school maintains a shared work area on the secure school network. Children (years 2-6) maintain their own personal electronic portfolio of their work on the computers. Children in EYFS and Year 1 have a shared folder of their work, maintained by the class teacher.

EYFS

We teach Computing in the Foundation Stage as an integral part of the topic work covered during the year. We relate the Computing aspects of the children's work to the objectives set out in the Early Learning Goals (ELGs) which underpin the curriculum planning for children aged three to five. The children are given a broad, play-based experience of Computing, using of a variety of technological equipment. Children gain confidence, control and language skills through opportunities such as to 'paint' on the whiteboard or to give instructions to a programmable toy.

Inclusion

All pupils are to have access to the use of technology regardless of gender, age, ability, race, cultural/religious background or any physical and/or sensory disability. Pupils with additional needs are supported with the use technology to encourage their confidence and develop their interests and abilities. The youngest pupils in the Foundation Stage classes begin to use and learn about Computing as soon as it is practicable after entering school, so that they gain confidence in using technology as soon as possible.

Pupils who are identified for being Gifted and Talented within the area of Computing are given additional opportunities to develop further their understanding of technology and are both supported and challenged within the context of a Computing lesson and through

targeted group activities. Children who are recognised as being gifted in Computing are asked to mentor and share their skills with other pupils within their peer group – the aim of this is to help transfer their skills to a wider context.

Assessment and evidence

Teachers assess children's work in Computing by making informal judgements as they observe them during lessons. Pupils' progress is closely monitored by the class teacher. Children's work is saved within folders on the school server, and when appropriate, pupils print their work which is then put in their topic books and/or displayed throughout the school.

The class teacher will follow the guidelines for assessing Foundation Subjects (Computing) which can be found within the Assessment Policy.

The Computing subject Leader and the Head teacher will be responsible for ensuring the effective monitoring, evaluation and review of this policy.