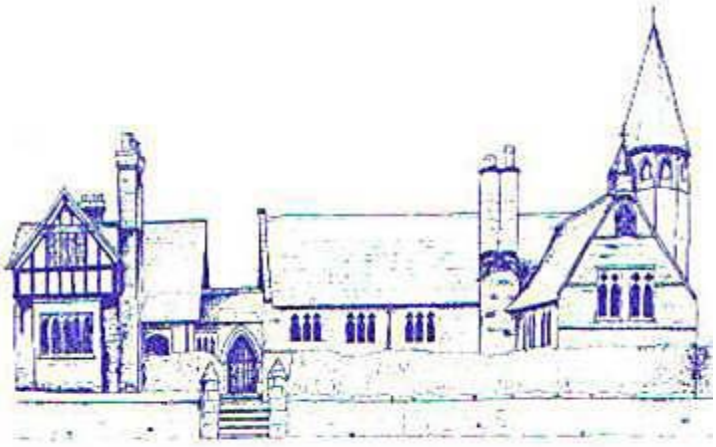

Eccleston C.E. Primary School

Let Our Light Shine

Computing Policy

Teaching, Learning & Personnel Committee

Reviewed: Spring 2020

Approved by Teaching, Learning & Personnel Committee: Spring 2020

Approved by Full Governing Board: Spring 2020

Signed by Chair of Governors:

Review Date: Spring 2024

Introduction

At Eccleston CE Primary, staff understand that the use of information and communications technology is both an important part of the National Curriculum and a key skill for everyday life. Tools such as computers, i-pads, programmable robots and digital cameras are used by the children to acquire, organise, store, manipulate, interpret, communicate and present information. At Eccleston we recognise that children are entitled to a structured and progressive approach to the learning of the skills needed in order to enable them to use it effectively. All children at Eccleston CE Primary School have access to a challenging, broad and balanced ICT curriculum regardless of gender, race, cultural or social background, special educational needs or being more able learners.

Intent

Through the teaching of Computer Science, Information Technology and Digital Literacy, colleagues intend to provide a range of experiences relevant to the children, in order to develop the skills and understanding of the rapidly changing modern world. We do this by:

- Providing a relevant, challenging and enjoyable curriculum for all pupils.
- Meeting the requirements of the National Curriculum.
- Using computing as a tool to enhance learning throughout the curriculum.
- Equipping all pupils with the confidence and capability to continue to build and use their skills as they move on to High School and beyond.
- Enhancing learning in other areas of the curriculum, using computers.
- Developing understanding of using computers safely and responsibly.

Computer Science

- Enabling children to be confident coders
- Creating opportunities for collaborative and independent learning
- Developing understanding of technology and how it is constantly evolving.

Digital Literacy

- Providing a safe computing environment through appropriate computing behaviours
- Allowing children to explore a range of digital devices
- Promoting children's spiritual, moral, social and cultural development

Information Technology

- Developing ICT as a cross-curricular tool for learning and progression
- Promoting learning through the development of thinking skills and problem solving
- Enabling children to understand and appreciate their place in the modern world

Implementation

At Eccleston the development and progression of all three strands of computing contributes to quality teaching and learning in all curriculum areas. Careful planning allows staff to offer inclusive lessons which meet the needs of all learners, regardless of gender, ability, social, moral or cultural differences through stand-alone lessons and cross-curricular work, in a cohesive and consistent way. Children work independently, with a partner or as a small group, according the nature of the task. The opportunities offered to the children allow them to recognise the value of computing and ICT in their everyday lives and future, as active participants in a digital world.

Internet access is planned to enrich and extend learning activities across the curriculum. This is done safely, by staff acknowledging the need to ensure that all pupils are responsible and safe users of the technology, both inside and out of school, (see e:safety policy).

Impact

Through Computing and ICT lessons at Eccleston the children will make progression through KS1 and 2, following the National Curriculum objectives. Teaching and support staff observe and discuss the children's learning with them regularly. These observations help to highlight implications and inform future planning.

At Eccleston, staff take health and safety, security, legislation, copyright and data protection in ICT very seriously and provide a safe environment for children to learn in.