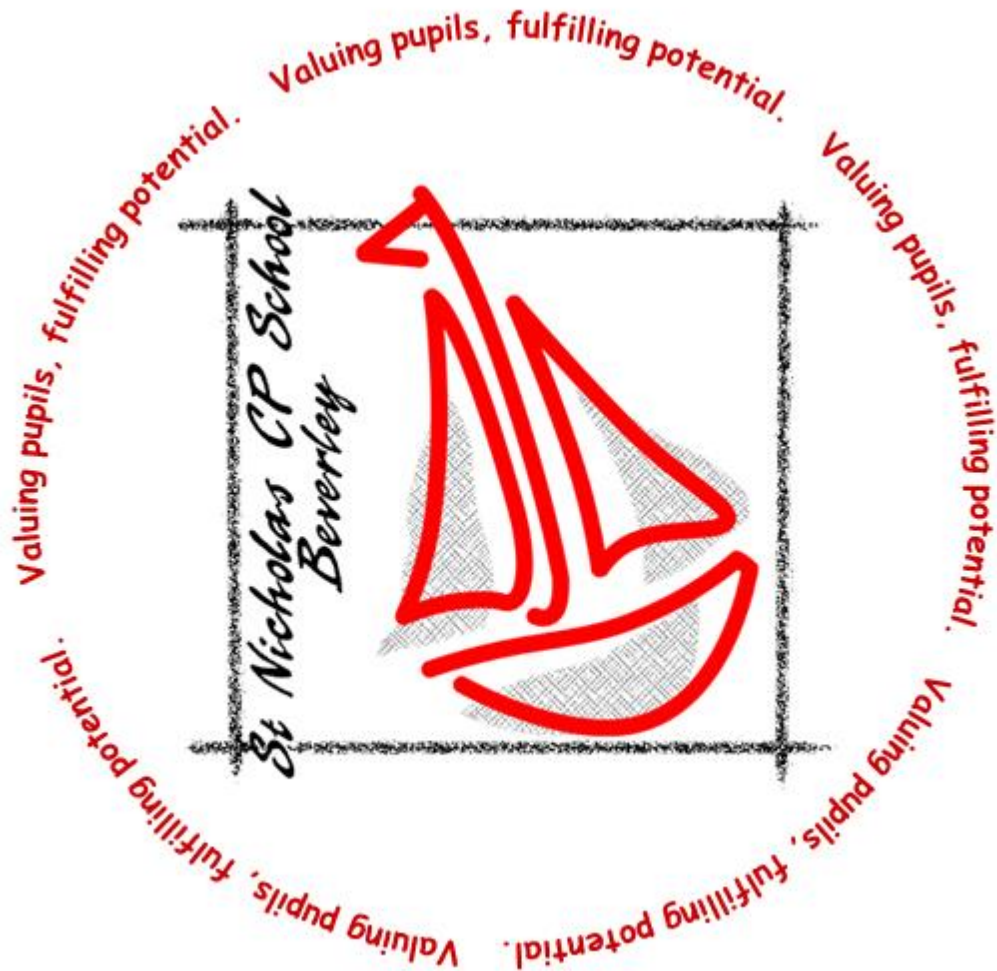


# Computing Policy

Beverley St Nicholas Primary School



**Reviewed November 2022**

## **1. Curriculum Intent Statement**

It is our intent at Beverley St Nicholas CP School to deliver a Computing curriculum to equip children to participate in a rapidly changing world where work and leisure activities are increasingly driven by technology. It is our intention to enable children to find, explore, programme, analyse, exchange and present information and data. We also recognise the importance of developing the skills necessary for children to use information and technology in an effective way.

Beverley St Nicholas CP School wants children to know more, remember more and understand more about computing and technology so they leave primary school as computer literate individuals. As a school we recognise that computing skills are a major factor in enabling children to be confident, creative and independent learners and it is our intention that pupils have every opportunity available to allow them to achieve this.

## **2. Implementation**

We intend to implement a clear and effective scheme of work that provides coverage in line with the National Curriculum. Teaching and learning will facilitate progression across all key stages within the strands of digital literacy, information technology and computer science. Access to resources which aid in the acquisition of skills and knowledge. Children will have access to the hardware (computers, tablets, programmable equipment) and software that they need to develop knowledge and skills of digital systems and their applications.

Children will have the opportunity to explore and respond to key issues such as digital communication, cyberbullying, online safety, security, plagiarism and social media. Wider curriculum opportunities for the safe use of digital systems are considered in wider curriculum planning.

The importance of online safety is shown through displays within the learning environment. Parental Communication Parents are informed when issues relating to online safety arise and further information/support is provided if required.

Children will take part in Safer Internet Day, as well as have opportunities within the scheme of work where they will also spend time further exploring the key issues associated with online safety

## **3. Impact**

Children will be confident users of technology, able to use it to accomplish a wide variety of goals, both at home and in school.

Children will have a secure and comprehensive knowledge of the implications of technology and digital systems. This is important in a society where technologies and trends are rapidly evolving. Children will be able to apply the British values of democracy, tolerance, mutual respect, rule of law and liberty when using digital systems.

#### **4.Planning and Progression**

We plan using the Teach Computing hub which is a government approved scheme, based on the National Curriculum. We enhance the curriculum using progression grids which map out the skills and knowledge children gain in each year group from EYFS to Year 6. Subject Progression grids are used to develop long term plans. Teachers use the long term planning to plan units of work and deliver individual lessons.

#### **5.Teaching and Learning Pedagogy**

We shall use a range of techniques, including whole class and structured group work, guided learning and individual activity to explore and participate in the computing curriculum. We will focus on developing higher order thinking and meta-cognition, and make good use of dialogue and questioning in order to do so.

#### **6.Assessment**

At Beverley St Nicholas assessment in computing comprises of teacher assessment during the delivery of lessons. Children are given tasks linked to the knowledge and skills laid out in the school's progression maps and they assessed against these. It is the responsibility of each individual class teacher to implement this through planning activities linked to the computing National Curriculum. At the end of each term teachers judge children against these criteria using the school's assessment system Educator. This data is then analysed by the computing subject leader.

#### **7.Resources**

Children will need access to a range of suitable technology in order to participate and succeed in the computing curriculum. This will include access to hardware such as laptops, tablets, cameras, recording devices and programmable toys. Also software that teaches programming and debugging (Scratch, Logo, Kodu, Turtle) as well as Word processing, presentation and spreadsheets (Microsoft and Google versions). They will also need to access filming and recording software, animation, publishing, painting and 3d sketch software as well as have access to the internet. We will also be using our on-line Google Classroom platform to aid the teaching and learning of ICT alongside other resources.

#### **8.Equal Opportunities and Inclusion**

All pupils are entitled to access the computing curriculum at a level appropriate to their needs

At Beverley St Nicholas Primary School, we are committed to providing a teaching environment which ensures all children are provided with the same learning opportunities

regardless of social class, gender, culture, race, special educational need or disability. Teachers use a range of strategies to ensure inclusion and also to maintain a positive ethos where children demonstrate positive attitudes towards others. Independent tasks, as well as teaching, are also well adapted to ensure full accessibility, as well as to provide appropriate challenge to different groups of learners. Support for specific individuals is well considered and planned for, with consideration given to how greater depth and further challenge can be provided for and demonstrated by children who require further challenge.

### **9.Co-ordinator Responsibilities**

The computing subject leader is responsible for:

- Monitoring the teaching and learning of computing.
- Overseeing and implementing the computing policy.
- Writing an annual action plan for the School Development Plan and evaluating progress throughout the year.
- Attending training and providing staff with appropriate feedback and CPD.
- Attending courses to keep knowledge up to date and feedback to staff upon return.
- Each class teacher is responsible for delivering computing to their class.

### **10.Parental Engagement and Reporting to Parents**

It is the aim of the school to involve parents as much as possible in their children's education. Parents are invited to help in the classroom, and to termly curriculum mornings, and kept informed regularly of their child's progress, both formally and informally.

In computing parents and other relatives are encouraged to help their children contribute to their Google Classroom.

### **Policy Review**

Policy Reviewed: November 2022

Review Date: November 2023