



Upper Beeding Primary School

# Computing Policy

March 2023

## INTENT

*Why do we teach Computing? Why do we teach it the way we do?*

**Our children are growing up in a rapidly changing world where work and leisure activities are being transformed by the use of technology.**

At Upper Beeding Primary School, our Computing curriculum aims to enable our children to develop their computational thinking and creativity skills to further understand our world. To operate in the 21st century, our children need to be equipped with the necessary Computing skills that enable them to become confident, creative and independent learners.

It is our intention at UBPS to enable our children to find, explore, analyse, exchange and present information. Technology is used to support learning across the entire curriculum, linked with our topics as much as possible, ensuring that our curriculum is accessible to every child. We aim to ensure that our children become digitally literate and develop their resilience, problem-solving and critical thinking skills.

Our children are provided with a breadth of experiences, enabling them to develop an understanding of themselves as individuals within their community, as well as members of a wider global community. By the time our children leave us in Year 6, we aim for them to leave as responsible digital citizens who are prepared and aware for the next part of their learning journey and their future in our digital world.

## IMPLEMENTATION

*What do we teach? What does this look like?*

As the aims of Computing are to equip our children with the skills necessary to use technology to become independent learners, the teaching style that we adopt is to make Computing as active and practical as possible.

Computing is taught within weekly lessons by the class teacher as we believe that regular practice is key to developing digital literacy. We follow the National Curriculum supported by a clear skills and knowledge progression. This ensures that skills and knowledge are built on year-by-year and that units of work are sequenced appropriately to maximise learning for all children. Computing contributes to teaching and learning in all curriculum areas and is used throughout the curriculum, as well as planned units of work linked to the termly topics of year groups where possible.

Units of work are planned collaboratively by the Subject Leader and Year Groups together. We look for links between termly topics and how this can then be incorporated into our Computing curriculum, so children experience a cross-curricular approach rather than Computing being taught as a completely discrete subject.

Our children have opportunities to access Computing in a variety of ways, including through taking part in 'unplugged' activities, lunch-time clubs, taking part in national competitions and celebrating Safer Internet Day annually.

**IMPACT**

*What will this look like? What tools would we like our children to have when they leave our school?*

Children at Upper Beeding Primary School will be equipped with not only the skills and knowledge to use technology effectively and for their own benefit, but more importantly, they will know how to use it safely. The biggest impact we have on our children is that they are aware of how to keep themselves safe online and that they understand the consequences of using the internet.

As our children become more confident in their Computing abilities, they will become more independent and develop key transferable skills such as problem-solving, logical thinking and self-evaluation become second nature. Our children will leave primary school digitally literate and feel confident to apply these key skills to the digital world.

**TEACHING AND LEARNING**

All children are taught the key Computing skills as outlined by the National Curriculum. These are delivered through units in line with the TeachComputing Curriculum which are collaboratively planned by Computing Leaders and Year Group Teachers.

**ASSESSMENT**

From Year 1, the children will keep some samples of work from each year in their own personal folder on the school's server, which is then transferred from class to class. As they progress through the school, the children will be encouraged to assess their own work and that of their peers. The child's attitude, motivation and attainment in Computing is reported to parents in the annual reports.

**ACCESS TO TECHNOLOGY AND COMPUTING**

Each class is allocated two sessions in the Computer Suites, with some extra sessions available for Maths programs or using Computing in other subjects. Our Computer Suites have storage trolleys containing netbooks and tablets which can be used throughout the school on the wireless network. Each class is equipped with an interactive whiteboard, tablet and class desktop computer and/or laptop. Many classrooms or areas have also been allocated extra computers. A wide range of other resources, such as cameras, visualisers and microscopes are also available.

**ROLE OF THE SUBJECT LEADER**

The Computing Leader is responsible for:

- Ensuring the progression within the units of work, liaising with Year Groups about provision and delivery.
- Promoting the integration of Computing by demonstrating good practice and learning opportunities.
- Giving guidance and support to all staff on lesson organisation and use of hardware/software.
- Leading INSETs within school and investigating suitable CPD opportunities that are available.
- Identifying strengths and weaknesses in outcomes; assisting colleagues with planning for improvement accordingly.
- Review changes to the National Curriculum requirements and advise on their implementation.
- Writing, monitoring and evaluating an action plan for Computing and for the School Improvement Plan.
- Leading the evaluation and review of the school's Computing Policy.
- Monitoring and reviewing the Computing provision within the school.
- Collate and review evidence related to Computing through the e-portfolio to ensure progression and development of skills throughout the school.
- Monitor the teaching and learning of Computing throughout the school, e.g. observations, learning walks, pupil interviews.

**EQUAL OPPORTUNITIES AND INCLUSION**

All pupils regardless of social class, culture, ability, race, gender, disability or learning difficulties have the opportunity to develop computing capability. The school promotes equal opportunities for computer usage and fairness of distribution of technology resources.

**WEBSITE**

Our school website promotes the school and children's achievements as well as providing information and communication between the school, parents and the local community. Twitter is used to keep parents up to date and to share children's achievements in a more accessible way. Texts and/or emails are sent to parents as reminders or to inform instead of sending letters home with children.

**ONLINE SAFETY**

The school is very aware of the importance of online safety and there are separate policies devoted to this subject. Both staff and all children are asked to sign a document to show their acceptance of the school's rules which are based on the recommendations from West Sussex County Council. Please read this Policy alongside our Online Safety Policy, Acceptable Use Policy and Teaching and Learning Policy.

Reviewed, Adopted and Ratified by:

Staff: March 2023

Governing Body: March 2023

Date for Review: March 2026