



Weare Academy C of E First School

Statement of Intent for Computing

Our School Vision

All Can Achieve
Everyone is valued and respected
Relationships grow through kindness and compassion
We appreciate the importance of forgiveness
We recognise and are thankful for the opportunities we have
We are responsible for making the most of ourselves, each other and the world around us

Intent

At Weare First School Academy, our computing curriculum aims to equip our children for a rapidly developing digital world. It is our intention to focus on a progression of skills in digital literacy, computer science, information technology and online safety to ensure that children become competent in safely using, as well as understanding, technology.

Computing skills are an essential factor in enabling children to be confident, creative and independent learners that are ready for the future. As a result of this, it is our intention that computing is embedded throughout our curriculum in an engaging, meaningful and inclusive way. At Weare First School, we use our computing provision to remove barriers to learning and to create an enabling, enriched learning environment for all children.

Implementation

Our whole curriculum is shaped by our school vision which aims to enable all children, regardless of background, ability, additional needs to flourish to become the best that they can possibly be. We teach the national curriculum, supported by clear skills and knowledge progression. Through our implementation we enable children to find, explore, analyse, exchange and present information in a safe, responsible and respectful manner. Online safety is taught within each computing lesson as a short starter activity as well as being taught as a unit each year. Online safety procedures are communicated with all staff and parents. Our computing strands are revisited through a range of themes during children's time in school to ensure the learning is embedded and skills are successfully developed. It is important that children develop the computational skills by exploring all areas of the subject through:

Well planned lessons will engage pupils and provide all children with the opportunity to develop their computing skills and planning and organisational skills which underpin effective computing practice.

Thoughtful questioning is used to encourage deeper thinking and also to reflect on their own use of technology.

Discussion is integral and at the forefront of our computing curriculum in order to enable children to share and consolidate their use of technical language, knowledge and learning.

Themed days are cross curricular and encourage children to explore and enjoy technology and its uses. E.g. E-Safety day and being inventors for the day.

Local Links our 'Technology in my life' units will provide opportunity for children to explore the role of technology in their homes, wider communities and the world.

External stimuli give the children the skills and knowledge to extend their learning beyond the classroom.

Impact

At the end of each year children will have developed their core computing skills and have deepened their understanding of online safety issues and how to keep themselves safe online.

Pupil voice: Through discussion and feedback, children talk confidently about their computing learning and show a genuine curiosity and interest in the areas they have explored. Crucially, children feel equipped to share any concerns/ questions that they may have about their own technology use (e-safety, safeguarding).

Evidence of Knowledge: Children know how and why technology is used in the outside world. They know about different ways that technology can be used and can talk about ways to keep themselves and others safe online.

Evidence of Skills: Children use new vocabulary that they have learnt in computing lessons. They have the skills to use a range of technology and computing software.

Breadth and Depth: Children will utilise and develop their computing skills across the curriculum. Opportunities to use computer technology outside of school will be provided in order to enhance their home learning.