



Nurturing the Future, Inspiring Success

Computing

Intent

At North Farnborough Infant School, we recognise that technology is continually advancing. Our aim is for all children to be prepared for the future, whatever that may be. We want every child to be curious about technology, how it works and the many ways it can be used, including for communication, creativity and entertainment. We aim to develop children as logical thinkers and problem solvers, able to apply their computing skills to real-world situations.

We recognise that children arrive at school with different experiences of technology, and we are committed to ensuring equity of access for all pupils. Through our Computing curriculum, we enable children to make safe, informed and responsible choices when using technology and to develop the confidence to support others in doing so.

Implementation:

Computing skills are taught from EYFS to Year 2 through both cross-curricular learning and, in Key Stage 1, as a discrete weekly subject. We follow a spiral curriculum, allowing children to revisit and build upon previously taught knowledge and skills as they progress through the school. We use **'Purple Mash'** as our core programme of study, which provides a progressive, engaging and age-appropriate framework aligned with the National Curriculum.

- Purple Mash units develop skills in:
 - Coding and programming
 - Using technology purposefully
 - Creating, organising and presenting digital content
 - Online safety and digital literacy

Early Years (EYFS):

Technology is introduced through play-based and exploratory learning
Children develop early skills such as:

- Using devices independently
- Simple programming and directional language
- Creating digital images and content

Adults model safe and appropriate use of technology during adult-led and child-initiated activities

Key Stage 1:

Computing is taught weekly, with clear progression in skills and knowledge.

Teachers model key skills, introduce technical vocabulary and provide opportunities for children to apply learning independently using Purple Mash.

Children are encouraged to think logically, solve problems and reflect on their learning

Online Safety:

E-safety is a high priority and is revisited regularly throughout the year.

Online safety is explicitly taught every half term and reinforced through Computing lessons.

Children learn how to stay safe online, make responsible choices and know who to talk to if they are worried.

Safe Respectful Ready