



Nurturing the Future, Inspiring Success

Computing

Intent

The national curriculum for computing aims to ensure that all pupils:

- Can understand and apply the fundamental principles and concepts of computer science, including abstraction, logic, algorithms and data representation
- Can analyse problems in computational terms, and have repeated practical experience of writing computer programs in order to solve such problems
- Can evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems
- are responsible, competent, confident and creative users of information and communication technology

At North Farnborough Infant School, as a Rights Respecting School, we want to instil a love of learning, whilst creating happy, confident and aspirational children who are well prepared to be good citizens of any community they join.

Technology is constantly advancing. At North Farnborough Infant School, we want our children to be ready to engage in the future, whatever that may be. Our aim is for every child to be curious about technology, how it works and the many different ways it can be used, including for communication. We want our children to feel confident in the ever-changing world around them and develop to be logical thinkers able to solve real-life problems.

At North Farnborough, we are aware of children's different home and previous experiences and seek to ensure that all pupils have equal opportunities to access a variety of types of technology while in our school environment. We want to enable our pupils to make safe choices when using technology and have the knowledge and skill to inform and teach others how to make safe choices.

Implementation

Computing is taught across all areas of the curriculum and also as a discrete subject on a weekly basis in KS1. EYFS and KS1 follow a spiral curriculum revisiting and building upon skills taught and practiced in previous academic years.

The "Teach Computing" programme of study followed incorporates cross curricular links with art, PSHE (SCARF), mathematics and English units of study.

E-safety is given high priority and each half term and our E-safety code of conduct is revisited on a half termly basis to ensure awareness and safe practice when accessing a range of devices and the internet both at home and in school.