

# **Computing Curriculum**

## **Our Vision Statement - What do we want for our children as part of the Computing Curriculum?**

At Brookside Primary School we offer a rich, broad and balanced computing curriculum which covers all areas of the National Curriculum:

- **Computer Science**  
-The study of computational thinking and software programming: how computers work, how we can manipulate them and how computation may be applied to solve problems.
- **Information Technology**  
-How we may use a variety of software and applications to create, present and communicate ideas with a real audience.
- **Digital Literacy (inc. E-Safety)**  
-The ability to evaluate, make choices and show an understanding of online safety.

When planning and teaching computing at Brookside, we believe that it is an essential part of the curriculum; a subject that not only stands alone but is woven and should be an integral part of all learning.

We intend to build a computing curriculum that prepares children to live safely in a society where technology is changing the lives of everyone. Through teaching computing, we equip children to participate in a rapidly changing world where work and leisure activities are increasingly transformed by technology.

It is our intention to enable children to safely find, explore, analyse, exchange and present information. We also focus on developing the skills necessary for children to be able to use information in an effective way.

Computing skills are a major factor in enabling children to be confident, creative and independent learners who can develop problem solving skills and persistence when using unfamiliar technologies. It is our intention that children have every opportunity available to allow them to achieve a way of thinking that can also be applied to other learning and everyday life.

### **Measuring Impact**

At Brookside we review our curriculum regularly to ensure it meets all the needs of our children, is challenging and relevant and best prepares the children for wider life. Teachers

continuously measure impact through thorough AFL during lesson time and targeted questioning.

Computing is also monitored by the computing subject leader who monitors the implementation and impact throughout the school through the use of:

- Planning scrutiny
- Pupil interviews and work scrutiny
- Talks with teachers
- Lesson observation