

Programming

With support, children will give clear and simple directions to a friend to follow. Children will be able to input a range of simple instructions into a Beebot with a purpose in mind and explore how they can adapt and edit their instructions when necessary.

Handling data

In Foundation, children will be able to use simple pictures to represent quantities through pictograms. They will be able to analyse this data to compare quantities and discuss the concepts of more/less/most/least which will also link to the children's learning in maths.

Computing

Children will be given opportunities to explore a range of computing resources both in adult led and self directed learning. They will understand how a variety of technology is part of our everyday lives. Children will learn how to use these technologies safely and effectively to enhance their learning and grow in confidence using these technologies independently at school and home.

Technology in our lives

With adult support, children will be able to access a range of technologies at school such as I-pads, laptops, CD players, cameras, microphones, webcams etc. and be able to talk about how to use these safely in their everyday activities. Children will be able to reflect on the technology they use at home and which they use most regularly and what they use them for. With adult supervision, children will be able to use the internet to find out information linked to topics as well as to find out answers to questions they may have to extend their own knowledge in areas of interest to them.

Multimedia

In Foundation, children will be able to take photos and videos of their environment and their peers using digital cameras and I-pads. They will be able to independently use the device to take clear and appropriate photos and videos of relevant material linked to their learning. Through using the EYFS computer station and the ICT suite, children will be able to use a computer mouse to select icons on a computer so they can access programmes they want to use.