

Early Years Foundation Stage Computing

Educational Programme - NONE

Despite computing not being explicitly mentioned within the Early Years Foundation Stage (EYFS) statutory framework, there are many opportunities for young children to use technology to solve problems and produce creative outcomes.

The children require access to a range of technologies, both digital and non-digital in their early lives. Exploring with different technologies through play provides opportunities to develop skills that children will go on to develop in their lifetimes.

Investigations, scientific inquiry and exploration are essential components of learning about and with technology both digitally and in the natural world.

Through technology children have additional opportunities to learn across all areas in both formal and informal ways.

Technologies should be seen as tools to learn both from and with, in order to integrate technology effectively within early years practice.

**Development Matters
Non-Statutory**

**Early Learning Goal - Computing
Statutory**

None

None

Computing Skills and Knowledge

Generic IT skills and Knowledge

Use a variety of IT equipment for varied purposes, e.g. games, to take a photograph, record a video, draw and communicate.

Text and Digital Imagery

Make marks on screen using apps and changing mark making tools.

Audio

Use devices to record and play back sounds. Use IT software to explore sound.

Online Safety

Know what to do when feel unsafe using a device or when online.

Electronic Programming

Using commands to control equipment, e.g. Bee-Bot, arrow keys.

Simulations and Modelling

Explore virtual situations, e.g. dressing a character, watering a plant to make it grow

The objectives are taught through the medium of topics or themes that the children show interest in.

Key Vocabulary

Swipe, tap, press, wait, look, screen, icon, app, screen, keyboard, mouse, click, photograph, picture, record, skip, drag, play, pause, stop, wind, select, website, browser, internet, on/off, batteries, charge, plug, electricity