

Transcript – Using Digital Tools to Promote Learning

KEY:

N: Narrator

N: In their Science and Technology lessons, children will use a range of equipment, tools, and devices.

(CHATTER)

N: Science and Technology often make use of tools such as microscopes, scales, and other measuring devices to gather observations about the things being investigated. It's also increasingly commonplace to use photography and video to record data while information gathering is going on.

Many aspects of Science enquiry can't be done without using such tools. As part of their developing repertoire in using the methods and techniques of Science, digital tools will enhance children's understanding. Within the context of Science, there will be many opportunities to include aspects of using technologies from simple measuring devices to sophisticated recording apparatus to help with their enquiry.

Careful selection of the technology to use within an enquiry can engage children in the activity and so promote learning. Children need to be introduced to the correct use of such tools and technologies. They also need to recognise what it is that the tools make possible, such as accurate measurement. It's in this context of enquiry that the children will learn what the instruments and devices can and can't do. It's also here that children will learn to appreciate how a scientific enquiry must be designed with the tolerances of the equipment in mind.