

Technology coverage in EY
Using birth to 5 guidance.
Statutory ELG: None

Birth to Five Matters: 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.

Nursery Technology coverage

Topics	Marvellous me	Come outside	Prince and princess	Mini beasts	Transport	Amazing animals
Objectives from Birth to 5 matters range 5	<p>Knows how to operate simple equipment, e.g. turns on CD player, uses a remote control, can navigate touch-capable technology with support</p> <ul style="list-style-type: none"> • Shows an interest in technological toys with knobs or pulleys, real objects such as cameras, and touchscreen devices such as mobile phones and tablets • Shows skill in making toys work by pressing parts or lifting flaps to achieve effects such as sound, movements or new images <ul style="list-style-type: none"> • Knows that information can be retrieved from digital devices and the internet • Plays with a range of materials to learn cause and effect, for example, makes a string puppet using dowels and string to suspend the puppet 					
Key experiences and learning throughout the Nursery year.	<ul style="list-style-type: none"> • Begin using interactive whiteboard games during whole class sessions. • On tapestry parents will be asked to send weekend news, these will be shared on the whiteboard/tablet with the children • Opportunities for children to use ipads to take photos throughout the year ie When we go on a colour hunt, bug hunt, road safety walk. • As the year progresses children to independently use interactive games they have used in whole class sessions. • Children to know that they need to use the board safely ie not standing on the wheels. • Opportunities for the children to use remote control cars. • Opportunities for children to work with an adult to engage in age appropriate apps on the tablet ie counting/mark making games. • Discussions about working with an adult to stay safe online. 					
Key vocabulary	Ipad, tablet, interactive whiteboard, online, internet, safety.					
What is this the foundation for?	Prepare children for more independent use of technology in Reception					

Technology coverage in Reception						
Topic	It's good to be me	Out of this world.	Once upon a time	If you go down to the woods today	Ready, steady, go	On Safari
Objectives from Birth to 5 matters.	<ul style="list-style-type: none"> • Can create content such as a video recording, stories, and/or draw a picture on screen • Develops digital literacy skills by being able to access, understand and interact with a range of technologies 	Can create content such as a video recording, stories, and/or draw a picture on screen	Completes a simple program on electronic devices	<ul style="list-style-type: none"> • Uses ICT hardware to interact with ageappropriate computer software 	Completes a simple program on electronic devices	<ul style="list-style-type: none"> • Can use the internet with adult supervision to find and retrieve information of interest to them. Develops digital literacy skills by being able to access, understand and interact with a range of technologies
Key experiences and learning	Can take a picture with an ipad.	Can record a video to tell a story.	Learn to direct a bee bot.	Use an app independently.	Type in their name in the notes section.	<ul style="list-style-type: none"> • Begin to give reasons why we need to stay safe online Can use the internet with adult supervision to find and retrieve information of interest to them
Key vocab	Picture, video, directional language, App, Online safety, keyboard, Internet, Online safety.					
What are these foundations for?	Children to develop basic skills of using ipads independently and start to develop an understanding of keeping safe online					