

Reception ICT Progression Document

<u>Autumn A & B</u>	<u>Spring A & B</u>	<u>Summer A & B</u>
<u>Objectives –</u> <u>Staying safe online</u> To demonstrate a good understanding of staying safe when we are using technology and telling grown-ups ‘trusted adults’ what we are doing. To know to ask for help if something happens and you’re not sure. To be aware that we don’t need to spend too much time on technology items. <u>Using technology</u> To show confidence and skill when making toys work by pulling, pressing buttons, lifting flaps to create sounds/movements. To be able to operate real life objects such as cameras or mobile phones. <u>Technology in our Lives</u> To be aware that technology is used in a range of places around the home and school. <u>Finding information</u> To be aware that we can use technology to access the internet to find information we want. <u>Communication</u> To be aware that we can use devices to communicate with others e.g. Phones, Tapestry. <u>Coding</u> To demonstrate an understanding of coding and giving instructions.	<u>Objectives -</u> <u>Staying safe online</u> To further discuss the importance of staying safe online and as we become more independent with technology. To be aware of rules that we need to follow when online. <u>Using technology</u> To be able to operate ICT to interact with age appropriate computer software To be able to complete a simple age related programme with independence <u>Technology in our Lives</u> To be able to name some technology devices around us. <u>Finding information</u> To know that we have to search for specific things to find what it is we want. E.g. YouTube for a particular song/dance. <u>Communication</u> To be aware that we can use platforms on the internet to communicate with others. <u>Coding</u> To demonstrate some understanding of operating coding equipment such as Beebots. To be able to enter instructions into the Beebot and be able to clear those instructions to give a new set.	<u>Objectives -</u> <u>Staying safe online</u> To continue to look at how to stay safe online. To be able to give solutions to online problems. <u>Using Technology</u> To be confident opening games on an iPad and interacting with age appropriate software. To be able to switch between games competently and with ease. To be able to take photos using technology devices with independence. To introduce laptops and have a go at logging on in preparation for Year 1. <u>Technology in our Lives</u> To be able to select and use technology for a particular purpose. <u>Finding information</u> To demonstrate some understanding of searches we can use to find specific information. <u>Communication</u> To have a go at using a laptop for typing. <u>Coding</u> To be able to give the Beebot instructions for purpose.

<u>Activities –</u> <u>Staying Safe Online</u> Look at Smartie the penguin to highlight the importance of being safe when using technology. Scenario opportunities and talk around following rules and instructions when using technology. <u>Using Technology</u> Children to be given opportunities to operate simple games on iPads. Children to use the IWB to complete games we have previously used as a class. <u>Technology in our Lives</u> Discuss and list places we may find technology. Make a note of device names. <u>Finding information</u> Provide opportunities to model and show children the internet and using it to find certain things. E.g. Google maps to explore streets and houses in our local area as well as dollar street to find out about and explore other countries and how other people live. <u>Communication</u> Spend some time discussing communicating through technology. Do they know what a mobile phone is for? What can we use it for? Show children their Tapestry journals and demonstrate how we share pictures and information with parents through this. To model sending and receiving an email (from 1 rec teacher to the other) <u>Coding</u> Practise giving instructions and moving a friend around before we introduce the Beebots.	<u>Activities –</u> <u>Staying Safe Online</u> Explain the importance of only speaking to people you know. Teach children to always check with an adult when searching the internet as we may not always get the results we want. <u>Using Technology</u> Children to be able to use the IWB to draw pictures with the ability to change colour and be aware of the eraser and how to use it. <u>Technology in our Lives</u> To look at different devices around us and model talking about them by name e.g. computer, laptop. <u>Finding information</u> Model to children that we may need to do more than one search from the internet to find something e.g. our dance on youtube. Support and model the wording you need to use to find what it is you want and allow them to help at times. <u>Communication</u> Look at other uses of technology and how we can use it to talk to others. E.g. mobile phones, zoom calls etc. Model using Zoom or some other platform to communicate. E.g. zoom call with the other class/Mrs Darby for a raffle. <u>Coding</u> Introduce the Beebot and model how to use it to children. Explain what each button is for. Allow children time to explore and practise moving the Beebot around.	<u>Activities –</u> <u>Staying Safe Online</u> Look at real life scenarios. ‘What should you do if...’ Create ‘online rules’ with children and allow them to discuss and share their ideas. <u>Using Technology</u> Introduce the iPad station and allow children to be in safely in control of their own time management and choices whilst using the iPads. Provide a timer and age appropriate software already installed on devices. Children to use games and the camera as they wish. <u>Technology in our Lives</u> Allow children opportunities to use technology for purpose e.g. if we want to draw an animal and we aren’t sure what it looks like, how can we find out? <u>Finding information</u> Provide opportunities for children to tell you what it is you need to type to find specific things. <u>Communication</u> <u>Coding</u> Using previously learnt skills to navigate the Beebot around a map. Children to give the Beebot clear instructions to get from one place to another.
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<u>Key Vocabulary</u>				
<u>Staying safe online</u>	<u>Coding</u>	<u>Using Technology</u>	<u>Technology in our lives</u>	<u>Using data</u>
Choices Online Trusted Adult Website Safe	Equipment Buttons Instructions Movement	Screen Mouse Images Keyboard Laptop Computer Beebot	Search Technology Create Internet	Collect Count Set/Group of Organise Compare