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| **Computing in the Early Years- Reception** |
| **Term** **Topic** | **Area of Learning** |  |
| **Presentation**Expressing ideas  | **Systems**Knowing how to create and use programmes  | **Digital World**Knowing how to use a range of technology |
| **Reception Autumn 1****Family** | L | -Emails are an internet service that allow people who have an e-mail address to send and receive electronic letters. |  | -Type using a keyboard or touch-screen technology |
| UW |  |  | -Use a mouse to operate the school computers.-Understand that if they click on different icons this cause things to happen in a computer program. |
| **Reception Autumn 2****Changes** | PSED |  |  | **-Learn how people store food safely at home in cupboards, fridges and freezers.**-Learn strategies to support going to sleep, including turning off devices before bedtime, exercising, calming bedtime routines, having a regular bedtime and to avoid stimulants before bedtime. |
| **Reception Spring 1****Healthy Living** | CL |  |  | -Listen with enjoyment to audio books. Operate a digital device in order to select and play an audio book.  |
| PSED |  |  | **-Keeping healthy means doing things that are good for your body – things like eating nutritious food, exercising, brushing your teeth, sensible amounts of ‘screen time’ and getting enough sleep.** |
| L | -Shopping lists can be typed onto a digital device (online shopping or mobile phone notes) or handwritten. |  |  |
| EAD |  | -Explore and use photography, digital imaging and design tools for self-expression.Create digital collages. | --Take photographs and begin to understand how to focus on an object and take a close-up shot. |
| **Reception Spring 2****Tales from around the World** | CL | -Recognise similarities and differences in modern versions of traditional tales. |  |  |
| UW |  | -A QR Code is an abbreviation for Quick Response Code. You scan a QR Code with a tablet or smartphone camera and it usually directs the user to a website. | -Compare modern and old objects. |
| **Reception Summer 1****The Environment** | CL |  |  | -Listen attentively to a blog about the ocean and respond with relevant comments or questions. |
| PSED | -Develop an understanding of e-safety. Know that they must ask an adult whether they can use a game or app. |  | -Information can be retrieved from computers, tablets and smartphones. Know to tell an adult if what they see makes them feel worried. |
| L |  | -A blog is a website that is like a diary. A post is a single piece of writing on the blog by the writer. -A person reading the posts on a blog can leave comments, saying what they think about the blog post.  |  |
| UW |  | -Many everyday appliances require electricity from mains electricity or batteries.-Electricity can be dangerous and appliances must be used safely. Understand that some appliances are less dangerous than others.-Explore a variety of classroom objects, investigating whether they use electricity of not.-Use photos/ videos to explore their feelings about plastic pollution. -Use a range of sources of information including ICT. -Use a range of sources to find out more information about animal homes (e.g., non-fiction books and the internet). | -Investigate solar energy, by building a solar oven (using a cardboard box, black paper and tin foil) to melt marshmallows. Observe and comment on the change of state.-Find out about the environment by talking to people, examining photographs and simple maps. |
| EAD |  |  | -Record sounds using recording devices. |
| **Reception Summer 2****Mini-Beasts and Habitats** | UW | -Use technology to capture images of minibeasts in the environment. | -Understand that a computer follows precise commands.-Experiment with programming a Bee Bot. -Research invertebrates using the internet or non-fiction texts.  |  |