EYFS Computing Curriculum

Understanding the World - ELG15 Technology:
- Children recognise that a range of technology is used in places such as homes and schools.
- They select and use technology for particular purposes.

Explanatory note:
- Through discussion, play and practical application the child demonstrates that he or she knows about technology and its use in his or her life and local environment.
- The child chooses the technological opportunities around him or herself as a tool to enhance and extend his or her learning.

Computer Science Resources, Activities and Skills to be completed	Information Technology and Data Resources. Activities and Skills to be completed	Hardware, Communication and Digital Literacy (Online Safety) Resources, Activities and Skills to be completed
BeeBots and Roamers I can move a device one step at a time. I can use cards to plan a sequential route before moving. I can use cards or paper to write a program (sequence of instruction / algorithm). I can program and delete programs from a device I know how to change instructions in a program. Activities http://www.valiant-technology.com/uk/pages/freestuff.php http://www.roamer-educational-robot.com/roamer-user-group/	I can use Bee Bots, Roamer I can use an iPad and Apps I can use a computer and software Electronic equipment used in school and at home. I know about a TV, DVD, Microwave, Washing machine, Kettle Electronics in the outside world. I know about Streetlights, Automatic doors, I know how to activate and use electronic toys I can control remote control toys. I can control robots one step at a time I can use tablets and computers - to hear and record sound, - to see and create still and moving images, - to begin to type letters and numbers	I can visit the classroom, school office, kitchen, supermarkets to view technology being used I know about technology at home: Living Room, Kitchen, Technology in Cars - Discussions **Online Research / Information Technology** I tell my teacher or trusted adult before I go online I explore onscreen activities that mimic real life. I talk about the differences between real and online experiences I know my password belongs to me. I talk about the different places I can find information I appreciate that someone always owns something and sharing it affects the owner **Online Communication and Collaboration** I understand that I can share information online (Email, chat, playing games) I understand that there is a right and wrong way to communicate and this may be different depending on who I am communicating with I begin to be aware of who it is safe to communicate with I show concern for others Begin to recognise I can send information about myself to someone else **Online Publishing / Digital Citizenship** I share learning with my family online I begin to become aware that I can upload pictures of school into O365 for our class I begin to become aware that I have a private space One Drive and can share information with selected people in this area