



Oaklands Skills Progression for Computing

Learners require opportunities to develop these basic skills, alongside computational thinking skills, in order to use technology confidently to support their learning across the curriculum.

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Logging in	<ul style="list-style-type: none"> Use home button on a tablet. 	<ul style="list-style-type: none"> Use passcode on a tablet and log in on laptop/PC. 	<ul style="list-style-type: none"> Use personal log in for online resources 	<ul style="list-style-type: none"> Navigate public drive to save and retrieve files 	<ul style="list-style-type: none"> Securely log on to tablet, laptop and PC devices 	<ul style="list-style-type: none"> Use a secure personal log in for a variety of online resources 	<ul style="list-style-type: none"> Securely access a variety of devices and online resources
Basic use of devices	<ul style="list-style-type: none"> With support, open appropriate App or Home screen link on a tablet. Take a photo and open camera roll on a tablet. Follow a hyperlinked image to a website using a laptop or PC. 	<ul style="list-style-type: none"> Develop coordination and motor skills in operation a mouse or roller pad on a laptop or PC. Open a document or other file on a laptop or PC. Open appropriate App or Home screen link on a tablet. 	<ul style="list-style-type: none"> Open Apps and software Save and Open files and images. Insert images within apps and software 	<ul style="list-style-type: none"> Connect peripheral devices using USB lead Use images saved to camera roll within a variety of Apps. Use Save and Save As on laptops and PCs. Copy and rename files to edit on tablets 	<ul style="list-style-type: none"> Rename documents and other files Browse to a specified website Create hyperlink to a website Recognise appropriate online sources for clipart and images 	<ul style="list-style-type: none"> Combine appropriate apps through the use of the camera roll on a tablet Combine software to achieve effective outcomes. Work collaboratively on documents and presentations Create hyperlinks within and between documents 	<ul style="list-style-type: none"> Store documents and videos online where they can be accessed by themselves and shared with others Use knowledge of software and apps to combine technologies to support my learning Recognise file types for text, image and video files
Research	<ul style="list-style-type: none"> With support, follow links to find information 	<ul style="list-style-type: none"> Follow links to find information 	<ul style="list-style-type: none"> Use simple children's search engine eg Kiddle 	<ul style="list-style-type: none"> Use safe search engine eg Primary ICT / Swiggle 	<ul style="list-style-type: none"> Acknowledge source of information / images 	<ul style="list-style-type: none"> Identify three online sources to check information 	<ul style="list-style-type: none"> Use a range of search filters e.g. +, -, or, info: advanced searching, file type.
Keyboard	<ul style="list-style-type: none"> Use keyboard to find the letters of your name. 	<ul style="list-style-type: none"> Use keyboard to find basic spellings. (Encourage use of left and right hands.) Use uppercase key for a capital letter. Use space bar between words. 	<ul style="list-style-type: none"> Use keyboard to enter text (index fingers left and right hand). Know when and how to use the RETURN/ENTER key. Use SHIFT and CAPS LOCK to enter capital letters. Use DELETE and BACKSPACE buttons to correct text. 	<ul style="list-style-type: none"> Use individual fingers to input text and use SHIFT key to type characters. Amend text by highlighting and using SELECT/DELETE and COPY/PASTE. Swap between letters and symbol input on a tablet Add shapes and word art to documents and presentations. 	<ul style="list-style-type: none"> Use a keyboard effectively, including the use of numbers Know how to use a spellcheck Be aware of keyboard shortcuts on laptops and PCs. Change font sizes and colour of text Use appropriate screen capture and insert in document or presentation. 	<ul style="list-style-type: none"> Use keyboard to confidently input text, characters and numbers Use bullet points Add text boxes Move, resize and rotate shapes, text and pictures Use common keyboard shortcuts on laptops and PCs. 	<ul style="list-style-type: none"> Effectively use right click menu within documents and presentations Save as a particular file type Select menu options within a variety of apps Create tables Use find and replace when editing documents.
Computing	<ul style="list-style-type: none"> See adults use simple search engines Use video to retell and create stories Have opportunities to build environments for floor robots Use QR codes to select information they want to find out. 	<ul style="list-style-type: none"> Use technology to collect information, including photos, video and sound Use software /apps to create movement and patterns on a screen Identify some uses if technology Use Technology to create and present my ideas. 	<ul style="list-style-type: none"> Tell you why we use technology in the classroom Use software to make objects move on the screen Starting to understand a branching database Save and open files on a device that I use. 	<ul style="list-style-type: none"> Put programming commands into a sequence to achieve a specific outcome Search a ready-made database to answer questions Create my own QR codes to link information Combine a mixture of text, graphics, and sound to share my ideas and learning. 	<ul style="list-style-type: none"> Create an appropriate graph to represent my data Recognise that an algorithm will sequence more complex problems Create a hyperlink to a website Insert images and text to a document and manipulate them. 	<ul style="list-style-type: none"> Use a search engine to find appropriate information and check its reliability Select, use and combine the appropriate technology tools to create effects that will have an impact on others Use a data logger to collect and record data Refine a procedure using repeat commands to improve a program. 	<ul style="list-style-type: none"> Tell you about copyright and acknowledge the sources of information I have found online Use logical reasoning to detect problems in algorithms and programs Interpret the data collected combine a range of media for a digital presentation, recognising the contribution of each to achieve a particular outcome.

Note: Chromebooks are included as a tablet type