Elson Junior School Computing skills progression

Y3	• Can I understand computer hardware and how to navigate/save and alter information in shared drivers. NETWORKS • Can I make choices on which program is best for a given task. USING COMPUTER • Can I recognise and discuss acceptable and unacceptable behaviour online. I understand to keep my personal information private. E-SAFETY • Can I use a search engine effectively and I know to check multiple sources to form a judgement. NET SEARCHING • Can I explain how simple algorithms to solve a problem and complete given tasks. CODING
Y4	• Can I understand that some computers on a network serve particular functions, such as controlling printers or sharing files. NETWORKS • Can I use a range of software programs to complete a task and use peripheral hardware, e.g. headphones USING COMPUTER • Can I understand the impacts of sharing online and recognise my responsibility as an internet user. E-SAFETY • Can I have an awareness of the relevance of my search question. I recognise the order of the results reflects their relevance. NET SEARCHING • Can I identify bugs/problems in code and understand how to alter the coding to solve the problem to create the desired effect. CODING
Y5	• Can I confidently and independently use a range of software tools and functions to achieve a given task. USING COMPUTER • Can I understand the need to make good choices online which reflect my online responsibility. I recognise when content is inappropriate and needs to be reported. E-SAFETY • Can I use some advanced features when searching online, for example, ctrl and F. NET SEARCHING • Can I write and explain increasingly complex problems and apply this knowledge to different contexts. CODING • Can I use loops to repeat tasks within a program and use IF statements to alter the way my programs run. CODING

Y6	• Can I use more than one piece of software to complete a task and design a task for a given audience. <u>USING COMPUTER</u>
	• Can I use software (excel) to help me analyse and present data and information. <u>USING COMPUTER</u>
	• Can I have an awareness of viruses and their impact. I understand the steps that can be taken to protect my software and hardware. <u>E-SAFETY</u>
	• Can I understand how to report concerns about content and contact in and out of school. <u>E-SAFETY</u>
	• Can I store and retrieve variables in Espresso using loops, variables and IF statements to alter the way my programs run. <u>CODING</u>
	• Can I use logical thinking to identify and solve potential bugs during coding. <u>CODING</u>