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| **Year 4 Computing Spring 1** | | |
| What should I already know? | What am I going to learn in this unit? | Vocabulary I need to know |
| * I know the purpose of programming * I know when using the internet my usage can be monitored * I know that unacceptable behaviour can be traced * I know that computers use keyboards to input text * I know that a word document can be used to type words * I know that I can use tools to edit my typing * I can include repetition and loops in programming using text commands * I can identify and debug problems in an algorithm * I can predict and explain an outcome of an algorithm * I can demonstrate acceptable behaviour when using the internet * I can edit my typing to adjust text size for a specific reason * I can use home keys for typing to improve my speed and accuracy | Digital Literacy:   * I know why passwords are used * I know what makes a password strong * I know that using a variety of letters, numbers and symbols make a password stronger * I know what personal information is * I know it is important to keep personal information safe online * I know strategies to keep personal information safe   Information Technology:   * I know what a search engine is * I know there is more than one search engine * I can use a search engine to search for specific information * I know that search engines provide information that may not always be useful * I know how search engines rank information they provide   Computer Science:   * I can programme using block commands * I can include repetition using block commands * I can include loops using block commands * I can identify problems in my algorithm * I can debug an algorithm to develop my programme | |  |  | | --- | --- | | search engine | special websites that make it easy for you to find a website or page in an instant | | password | a secret string of letters, symbols, and numbers that you can use to restrict who can access something | | repetition | the process of looping or repeating sections of a computer program | | command | A specific instruction given to a computer program that tells you what to do. | | algorithm | a sequence of instructions that are followed to complete a task | | rank | to place in order | | online | relating to or connected to a computer | | strategies | a plan, method, or series of actions meant to perform a particular goal or effect | |