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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
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| 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 |

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