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|  **Year 4 Computing Spring 2** |
| What should I already know? | What am I going to learn in this unit? | Vocabulary I need to know |
| * 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
* 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
* 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
 | **Digital Literacy:** * I know what an identity is
* I know what an online identity is
* I know that an online identity can be falsely created
* I know that an online identity can be different to real life
* I know the difference between online and real life

**Information Technology:*** I can use a search engine to source digital images
* I know text shortcuts to cut, copy and paste
* I can use text shortcuts to cut, copy and paste
* I can cut, copy and paste digital images from one location to another
* I can create a document for a specific reason such as a poster or leaflet

**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
* I can predict an outcome of an algorithm
* I can explain the outcome of an algorithm
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| identity | who someone is the name of a person |
| shortcut  | a quicker way of doing something in order to save time or effort. |
| software | programs and other operating information used by a computer |
| avatar  |  can by anything visual used to represent a concept or idea that can't be seen |
| image  | a picture or some other likeness of a person or thing |
| duplicate | to do again in the same way; repeat |
| evaluate  |  judging the quality, value or relevance of something you've done  |
| infinite  | having no limits or end |

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