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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 | |  |  | | --- | --- | | 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 | |