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|  **Year 6 Computing Autumn 2** |
| What should I already know? | What am I going to learn in this unit? | Vocabulary I need to know |
| Digital Literacy: * I can participate in a class discussion
* I can contribute to a class discussion to create e – safety rules
* I know how to use technology safely
* I know what acceptable and unacceptable behaviour means
* I know what acceptable and unacceptable behaviour is when using technology
* I know what inappropriate behaviour looks like in a variety of contexts
* I know who to report concerns and inappropriate behaviour to a variety of contexts
* I know how to report concerns and inappropriate behaviour in a variety of contexts
* I know who my trusted adults are in school and outside of school

Information Technology:* I know what a network is
* I know and can explain how a network works
* I know how the internet works
* I know how data travels across networks
* I know how data travels in packets
* I know data packets can be broken and reconstructed
 | Digital Literacy:* I understand that my actions have consequences
* I know what consequences of actions means
* I know how to be a responsible citizen online
* I know when using my identity online I am creating an online reputation
* I know how to make my online reputation positive
* I know how to use technology safely

Informational Technology:* I know how to use a range of search engines
* I know that search engines provide information
* I know that information provided by a search engine can be inaccurate
* I know that search engines may provide misleading information
* I know why a search engine may provide misleading information

Computer Science:* I know how a variable works in coding
* I can create a variable that can be used
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| Search engine  | a site on the internet that uses software to locate key words in other sites |
| Website  | a connected group of pages on the internet maintained by one person or group and devoted to a single topic or rated topics. |
| Data  | information in digital format, as text, numbers, images, audio, or video |
| Network  | A system with a collection of connected components. Such as routers or iPads |
| Web browser  | A software program that allows a user to locate, access, and display web pages. |
| Variable  | A quantity or function that may assume any given value or set of values. |
| Programming  | The process of preparing an instructional program for a device (eg. computer) |
| Algorithm  | A mathematical process for calculations; a set of rules that, if followed, will give a desired result. |

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