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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 | |  |  | | --- | --- | | 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. | |