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| Whitegate Computing CurriculumBirch |
| **Digital Literacy** | **E Safety** |

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| * **Identify obviously false information in a variety of contexts.**
* **Recognise that a variety of devices connect users with other people.**
* **Identify personal information that should be kept private.**
* **Consider other people’s feelings on the Internet.**
* **Identify what to do when inappropriate content is accessed.**
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| **Research** | * **Talk about websites they have been on.**
* **Explore a website by clicking on buttons, arrows, menus and hyperlinks.**
* **Navigate ‘back’ by clicking on the ‘back’ button.**
* **Complete a search using a child friendly search engine independently.**
* **Use the Internet to find information for a topic, with support. (Favourites file, hyperlinks set up by the teacher, QR codes.)**
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| **Computer Science** | **Programming** | * **Give and follow an algorithm to turn right or left and make half or quarter turns.**
* **Give and follow an algorithm using the commands right 90 and left 90.**
* **Give, follow and complete an algorithm.**
* **Create, test and debug an algorithm.**
* **Use logical reasoning to predict the outcome of a simple program.**
* **Create an algorithm: to move or rotate a beebot.**

 **using the repeat command.** **that includes movement and sound.** **Using the repeat and say command** **Using the green flag to start.** **Using the commands to change the background or character.**  |
| **Information Technology** | **Paint** | * **Add text to a painting.**
* **Independently use various tools including brushes and pens in a paint package.**
* **Independently use the spray can, fill tool and stamps in a paint package.**
* **Select and use tools appropriately.**
* **Use a computer software program to recreate art.**
* **Use a range of tools in a computer program to reproduce a style of art.**
* **Make and edit shapes to create a piece of art.**
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| **Filming, Animation and Sound** | * **Use a digital camera or iPad to take appropriate pictures or video for a specific purpose.**
* **Record sounds.**
* **Capture videos**
* **Discuss which videos to keep and why.**
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| **Computer skills** | * **Switch on the computer, log on and off.**
* **Load programs with support.**
* **Log in to programs using username and password.**
* **Identify and practise computer skills.**
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