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| Whitegate Computing Curriculum  Birch | | |
| **Digital Literacy** | **E Safety** | |  | | --- | | * **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.** | |
| **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.)** |
| **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.** |
| **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.** |
| **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.** |