|  |  |  |
| --- | --- | --- |
| Key Questions |  | Key Images for Purple Mash |
| **What is an instruction?**An instruction takes you through something step by step so that you can successfully complete a task.**Why do we need to debug code?**When you write code, it won’t always work correctly first time. When you search for the errors and correct them this is known as debugging. | Open, close or share a file.Change the speed in which the screen object moves.Rewind an instruction.Undo an instruction.Change the settings in 2Go.Control the direction in which the object moves. |
| Forwards, Backwards, Left and Right |
|  backwards left  right forwards |

  Knowledge Organiser

 Autumn Term 2

 **Computing – Algorithms**

|  |
| --- |
| Vocabulary  |
| Instruction  | Information about how something should be done. |
| Algorithm  | A precise, step-by-step set of instructions used to solve a problem or achieve an objective. |
| Computer  | An electronic device for storing and processing data. |
| Program  | To provide (a computer or other machine) with coded |
| Debug  | To find and remove errors from computer hardware or software. |
| Arrow  | A mark or sign resembling an arrow, used to show direction or |
| Rewind  | Move back several steps or to the start. |
| Undo  | Cancel or reverse the instruction. |