

What should I already know?

- How to use Purple Mash on the iPad safely.
- How to navigate to an activity within Purple Mash.
- How to group and sort items.
- What data is.

Key Vocabulary and definitions

Algorithm	A precise, step-by-step set of instructions used to solve a problem or achieve an objective.
Code	Instructions that a programmer enters into a computer that causes the computer to perform a certain way.
Computer	An electronic device for storing and processing data.
Debugging	To find and remove errors from computer hardware or software.
Instructions	Detailed information about how something should be done or operated.
Program	An algorithm that has been coded into something that can be run by a machine, e.g., a computer or a robot.

Key Resources



Paint Projects

Key Questions

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.

Key Knowledge

To compare the effects of adhering strictly to instructions to completing tasks without complete instructions.

To follow and create simple instructions on the computer.

To consider how the order of instructions affects the result.