

### Key Learning

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.

### Key Vocabulary

**Instruction** – Information about how something should be done.

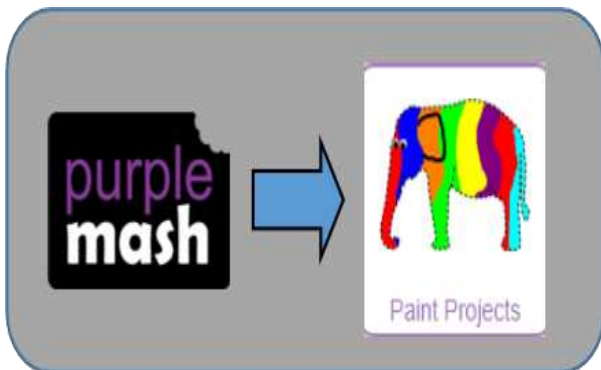
**Algorithm** – A precise, step-by-step set of instructions used to solve a problem or achieve an objective.

**Computer** – an electronic device for storing and processing data.

**Program** – To provide (a computer or other machine) with coded instructions.

**Debug** – To find and remove errors from computer hardware or software.

### Key Resources



### Sticky knowledge

- An instruction takes you through something step by step so that you can successfully complete a task.
- 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.

### Aspirations

- Code breaker
- Instruction creator
- Model maker

### Characteristics needed for this topic:

- Confidence/self-belief
- Reasoning and problem solving
- Perseverance