



## Year 1

# Creating and Following Instructions

### Key Learning

- To understand that an algorithm is a set of instructions.
- To follow and create simple instructions on a device.
- To sequence algorithms that require a correct order.

### Key Resources



Paint  
Projects



Sequencing  
Quizzes

### Key Vocabulary

#### Algorithm

A set of instructions in order.

#### Coding

Writing instructions for a computer, telling it what to do, step-by-step.

#### Computer Bug

Bug is the word used to describe an error in the way that a computer program works.

#### Debugging

To find and remove bugs (errors) from a computer program.

#### Instructions

How something should be done.

#### Program

A set of instructions (an algorithm) that tells a computer what to do.

### Key Questions

#### What kinds of activities would require an instruction to be followed?

Any activity where the order in which you do things and the things that are done is important. For example, baking a cake, getting dressed or writing a word.

#### 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.