



## Unit: 1.5 Maze Explorers

### Key Learning

- To understand the functionality of the direction keys.
- To understand how to create and debug a set of instructions (algorithm).
- To use the additional direction keys as part of an algorithm.
- To understand how to change and extend the algorithm list.
- To create a longer algorithm for an activity.
- To set challenges for peers.
- To access peer challenges set by the teacher as 2Dos.

### Key Resources



### Key Vocabulary

#### Algorithm

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

#### Direction

The path that something travels. For example, a robot moving forwards, backwards or diagonal.

#### Route

A path an object or thing takes to get somewhere.

#### Challenge

A task to be completed.

#### Instruction

Detailed information about how something should be done or operated.

#### Undo

If we make a mistake, we can press the undo button.

#### Command

An action such as left command.

#### Left and Right

A position which relates to something. For example, make the fish move left of the screen.

#### Unit

A unit such as make the turtle move 2 units (squares).