



retrieval



Y1 moving an robot



Digital Safety: pause for people

We all use devices for several reasons including to relax and play games on but are we using them too much? We need to make sure that we **pause**, take a breath and turn off the device sometimes to be offline with people too.

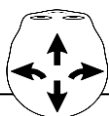
Vocabulary

pause	Take a break from being online.	route	Directions to follow on a map.
algorithm	Set of rules or directions for a computer to follow.	program	Controlling a robot by using an algorithm.
outcome	The end point of an algorithm.	decomposition	Programming in small chunks.

What?

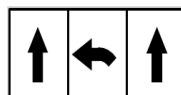
1

Giving clear and precise instructions to a computer is important and they need to be unambiguous. Making a sequence of instructions builds an **algorithm** makes a robot move.



2

Beginning from the same start point helps us make clear predictions of what the **outcome** will be if one step in the algorithm is changed each time.



3

Designing and making different **routes** on your own map with obstacles will challenge your algorithm planning for your robot.



4

Outlining a start and end point within your algorithm ensures a clear understanding of what your **program** will achieve.



5

For a program with different end points, you need to use **decomposition** so the algorithms are accurate and successful.

