WC 1st February 2021

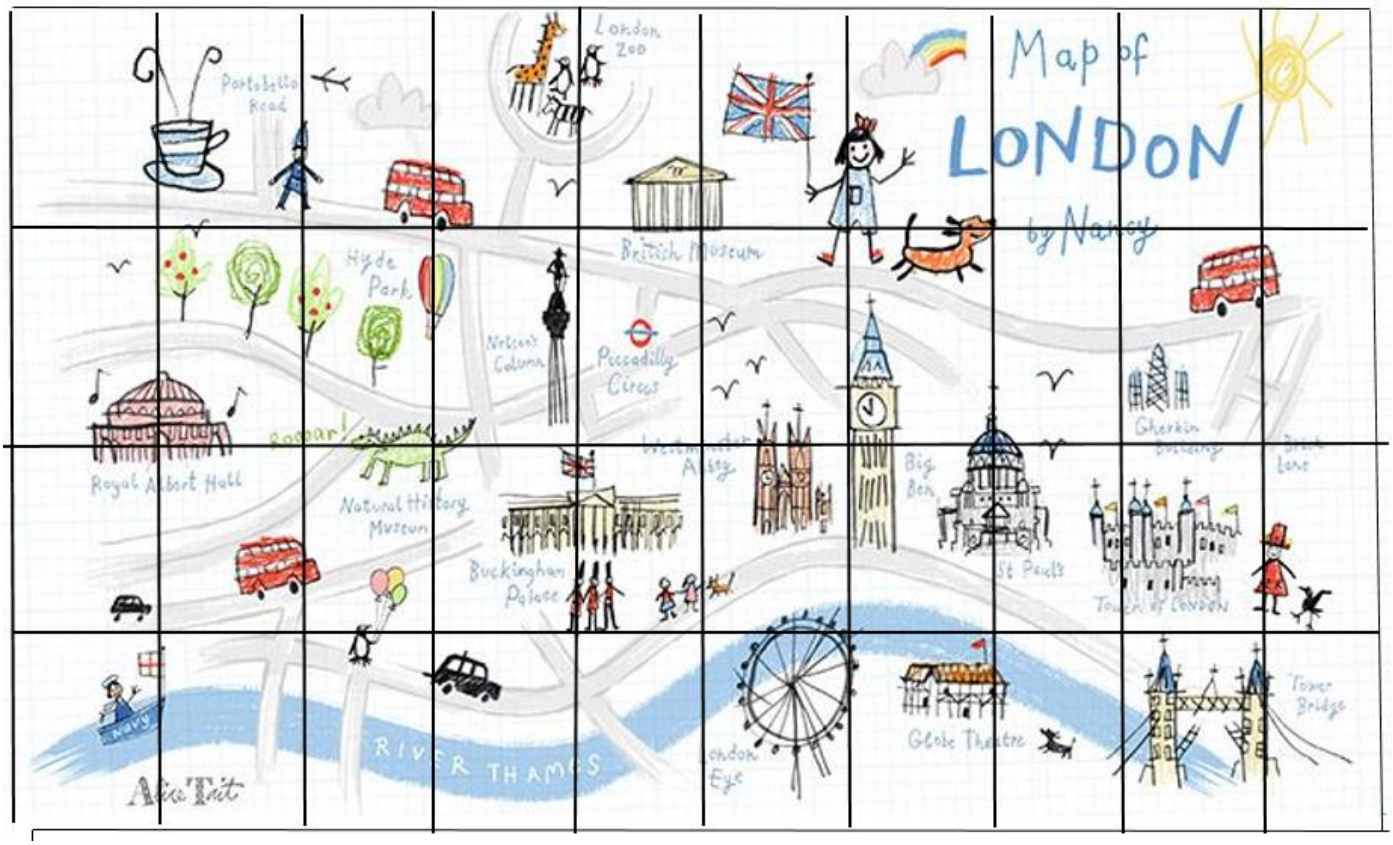
LI: To understand what algorithms are and that sometime they can go wrong.

I can understand what understand what algorithms are	
I can create a simple algorithm	
I can debug an algorithm	

An **algorithm** is a list of rules to follow in order to solve a problem.

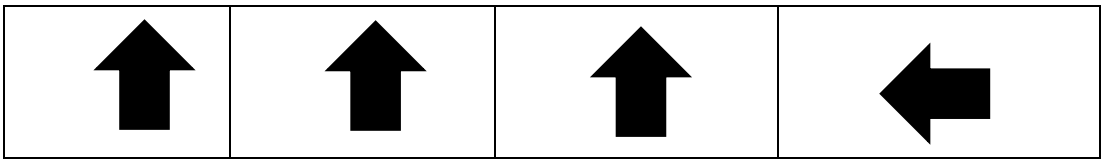
Algorithms need to have their steps in the right order. Think about an algorithm for getting dressed in the morning. What if you put on your coat before your jumper? Your jumper would be on top of your coat and that would be silly! When you write an algorithm the order of the instructions is very important. Watch this video on BBC Bitesize to deepen your understanding of algorithms.

https://www.bbc.co.uk/bitesize/topics/z3tbwmn/articles/z3whpv4

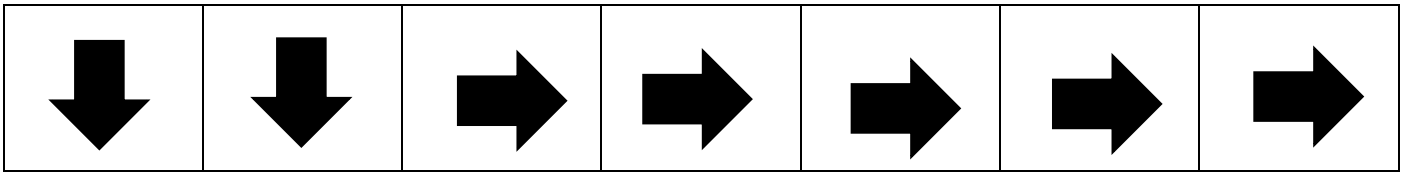


Today our algorithms are a set of directions to get to famous London landmarks. There might be different ways to them so you can have different algorithms.

Start on the map at the London Eye and follow this algorithm to get to London Zoo.



Start at Portobello Road and follow this algorithm



Which London landmark are you at now?

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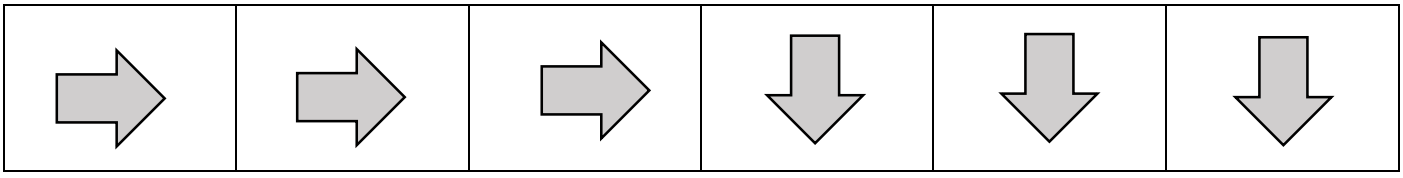
Draw an algorithm to get from Hyde Park to the Tower on London

Challenge

This algorithm is broken - can you debug it and fix it. The algorithm is meant to take you from Piccadilly Circus to Tower Bridge.