## WB Monday 26<sup>th</sup> February 2024



# LQ: Can I understand what an algorithm is?



All: I can explain that an algorithm is a set of instructions. I can understand that these instructions sometimes need to be carried out in order.

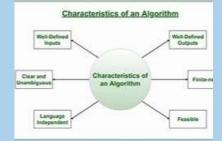
Steps to success

I can understand there can be more than one way to solve a problem.

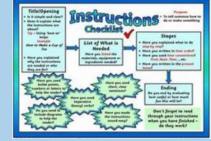
#### LQ: Can I understand what an algorithm is?







#### Instructions



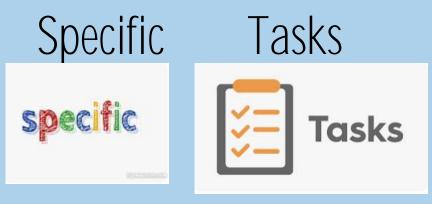
#### Computers











#### LQ: Can I understand what an algorithm is?

#### TP:

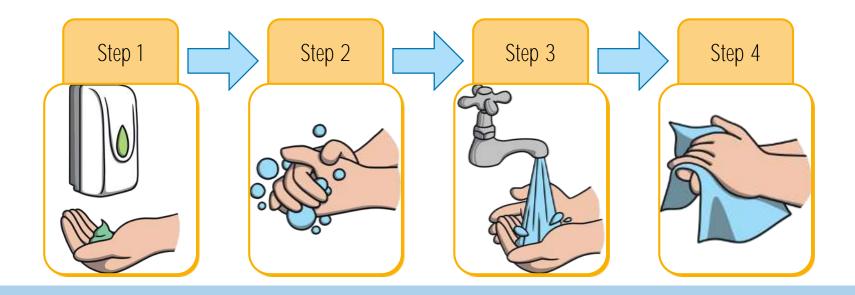
Who put their trousers on before their top this morning? Does it matter which you do first? Why? Does a shirt and tie need to be put on in a specific order?

Do you think your partner got dressed in the same order as you this morning?

#### What Is an Algorithm?

An algorithm is a list of step-by-step instructions in order to get a task done. Computers can follow algorithms, just like people. It is important that each step in an algorithm is completed to achieve the correct outcome.

What do you think the outcome of this algorithm is?



https://www.bbc.co.uk/bitesize/topics/zsj3sk7/articles/z3whpv4

Watch: What is an algorithm? What is an Algorithm? 01:12

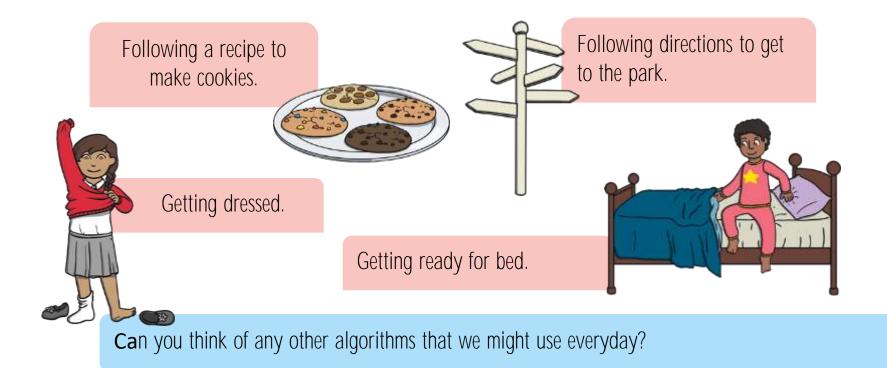
Self Assessment Do you understand the features of a keyboard?

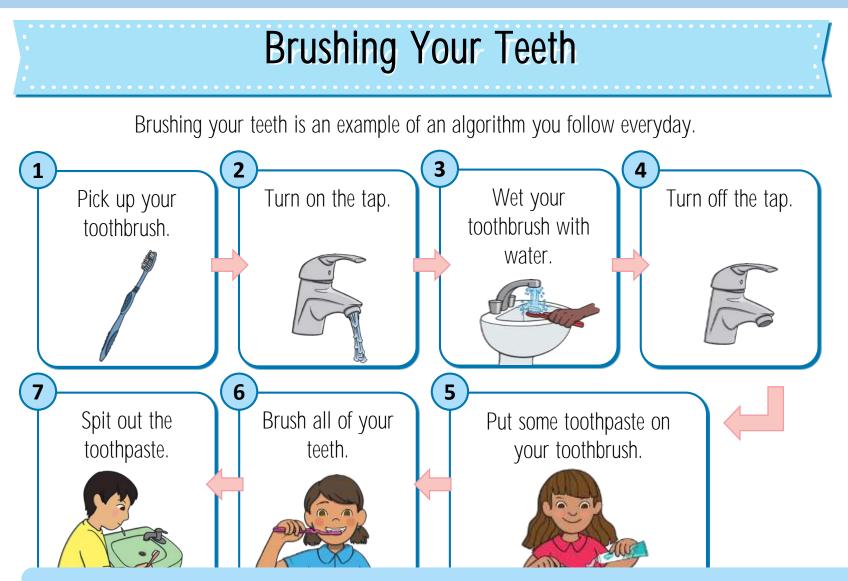




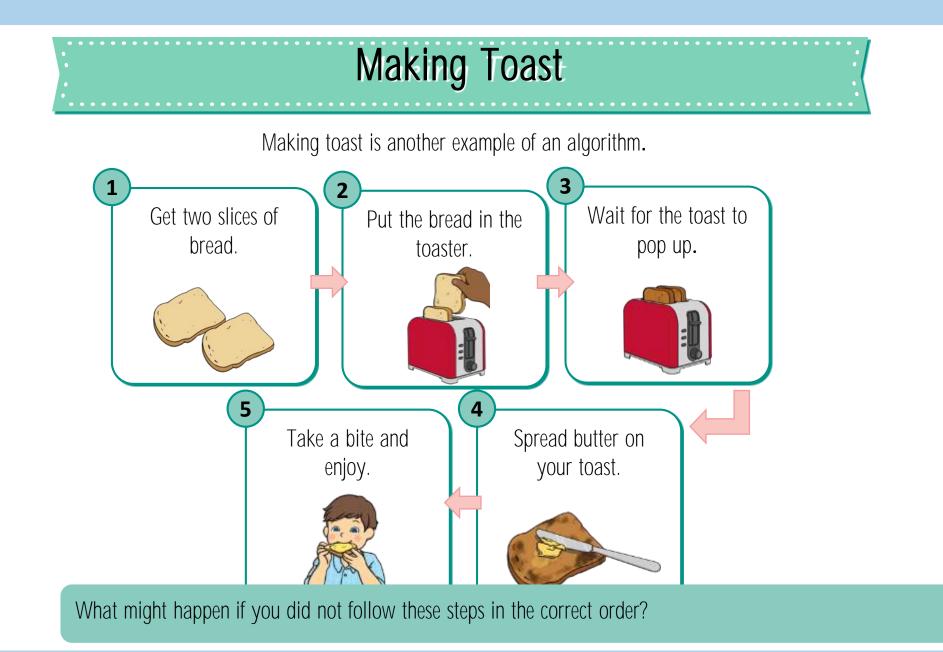
### **Examples of Algorithms**

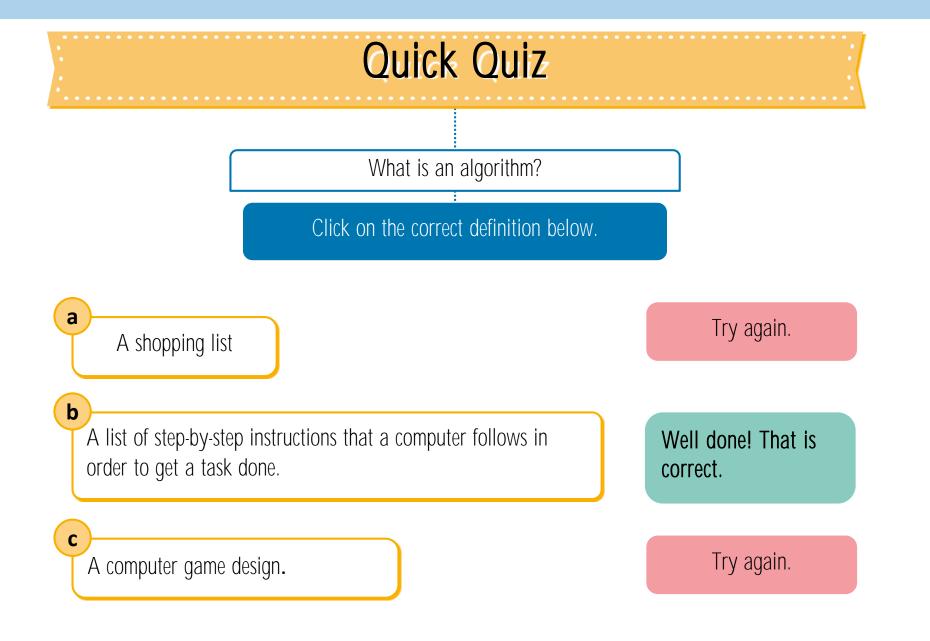
We use lots of different algorithms in our everyday lives. These are all examples of algorithms you might have followed.

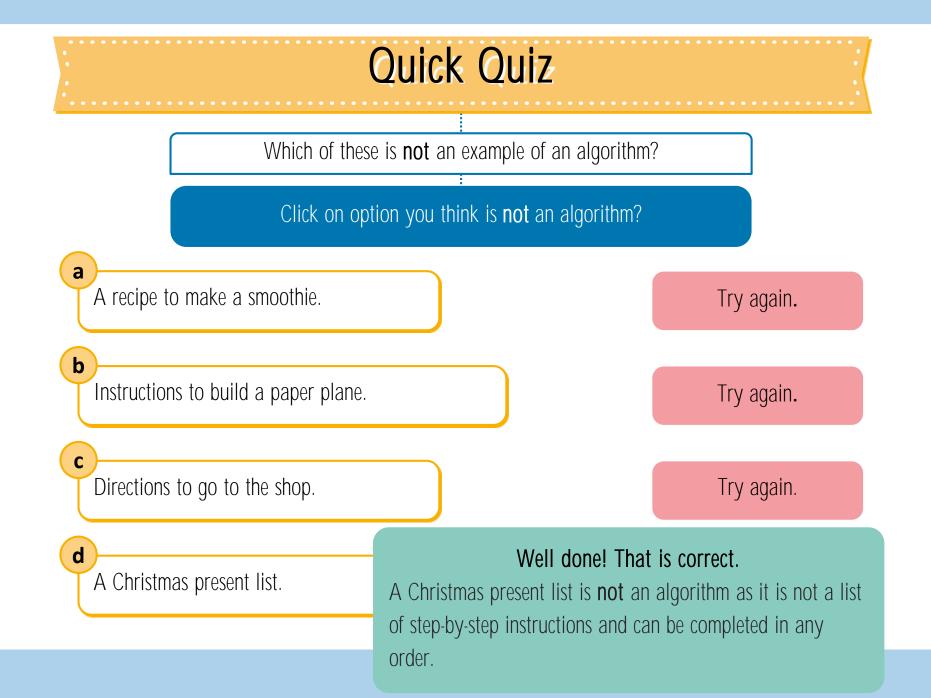


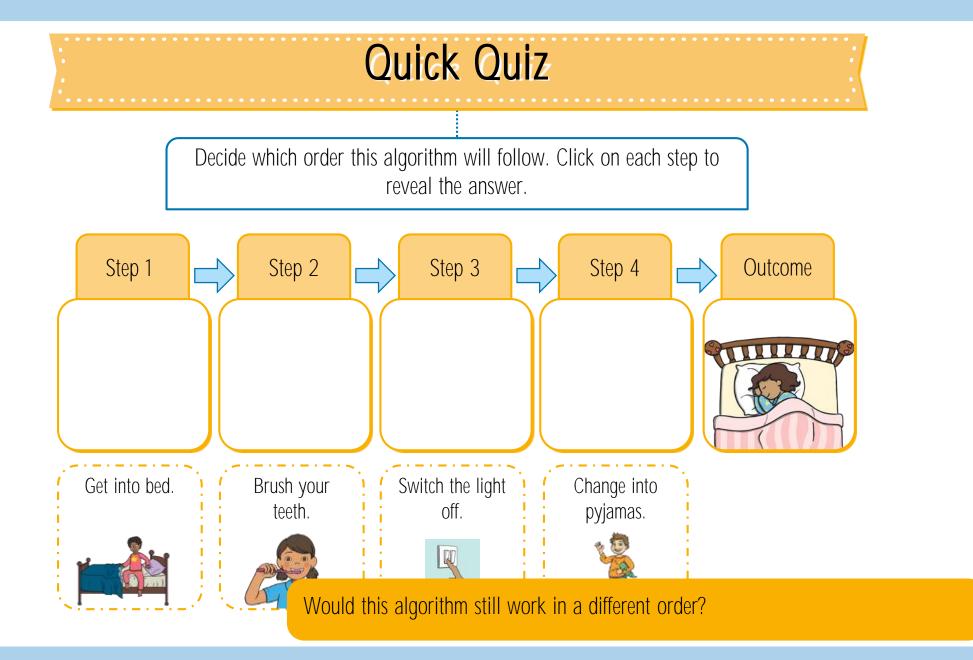


What might happen if you did not follow these steps in the correct order?









LQ: Can I understand what an algorithm is?

#### TASK

#### Create an algorithm for how to make toast.

Remember it has to be in order!

Self Assessment Do you understand the features of a keyboard?





