Computing Tuesday 31/03/20

WALT understand that an algorithm is a precise sequence of instructions to get something done.

This lesson is about instructions, and you and your parent, carer or sibling are going to follow some instructions to draw my crazy character.

I've created an **algorithm** (a sequence of instructions) to help you draw my crazy character. Follow the **algorithm** below to draw it in your purple book:

- draw a circle for the body
- add 2 eyes
- add a crown
- add wings
- add 4 legs

Look at your crazy character drawing and compare it to your parent, carer or sibling's drawing. Are they the same? What is different about them?

I expected the crazy character to look the same in both your drawings!

How could I have given better instructions?

I could have said 'draw a **large** circle for the body' and 'add 2 **small** eyes **in the middle** of the body'.

An **algorithm** is a sequence of instructions or a set of rules to get something done. The instructions need to be very **precise** (give a lot of detail) to get it done exactly how you want it.

Now it's your turn!

1. Think of a character
2. Write each step of your algorithm (like the one above) in your purple book
3. When you have written all your steps, ask your parent, carer or sibling to follow the steps to draw it.
4. Did they draw the character like you wanted it?
5. Change your algorithm to improve it (to make it more precise)
6. Ask them to follow the new steps to try drawing it again
7. Did they draw it more like you wanted it?

What happened that you did not expect? What kinds of words did you add (position, size, number) to improve your algorithm? How did these help?