What I already know
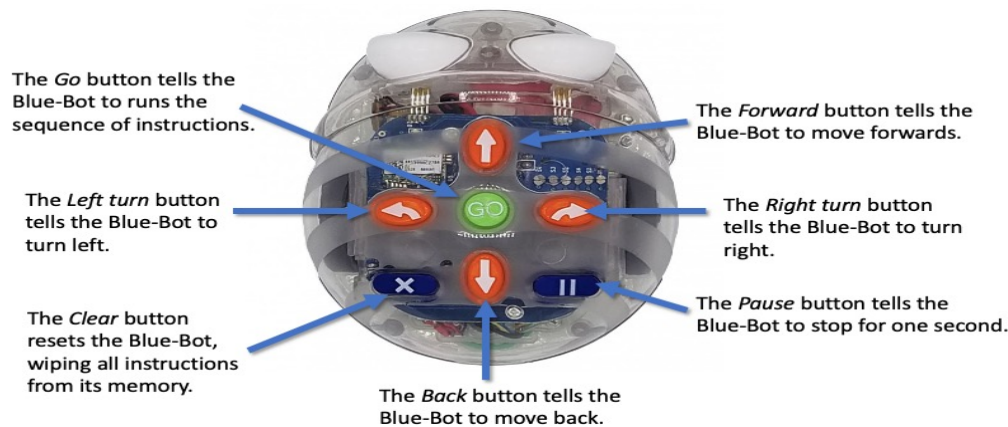
1 How to turn on and log into a Macbook

2 How to open an app on an iPad

I will learn:

1 to program a Blue-bot using a sequence of commands

2 the features of a Blue-bot

3 what an algorithm is and how to use them

Key Vocabulary

1	algorithm	A set of instructions that that tell a computer what to do
2	Blue-Bot	A programmable toy robot that can be used to teach young children about computer programming
3	command	A single instruction that tells the computer what to do
4	debugging	A process of finding and fixing errors in a program
5	sequence	When two or more commands are put in a specific order to achieve a goal

The *Go* button tells the Blue-Bot to runs the sequence of instructions.

The *Forward* button tells the Blue-Bot to move forwards.

The *Left turn* button tells the Blue-Bot to turn left.

The *Right turn* button tells the Blue-Bot to turn right.

The *Clear* button resets the Blue-Bot, wiping all instructions from its memory.

The *Pause* button tells the Blue-Bot to stop for one second.

The *Back* button tells the Blue-Bot to move back.

By the end of the unit, I will:

Write a sequence of commands for the Blue-Bot to follow

Identify errors in the programming sequence

Program the Blue-Bot to find the treasure on a treasure map