



retrieval



### Digital Safety: Media balance

We all use **devices** in our lives to play game or do our homework on. We need to think and be aware of other people who are around us even when we are online playing fun games so media balance is important.

### Vocabulary

<b>device</b>	A piece of technology we use for internet and games.	<b>predict</b>	Guess what will happen - where the robot will end up.
<b>commands</b>	Instructions we give.	<b>debug</b>	Find errors in a program and fix them
<b>sequence</b>	An order of movements one after the other.	<b>image</b>	Picture or photo you create digitally or on paper

### What?

1

Learning to control a robot needs clear **commands** from us. This will help it move, turn and stop where needed.



2

Direction language of forward and backward can be put into a **sequence** to make a robot move where you want it to go.



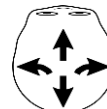
3

Robots can be programmed to move left and right as well as forward and backward. Can you **predict** the outcome from a set of directions?



4

Now that all directions are known you can plan and create your own program. Test it on the beebot and **debug** any errors.



5

Create a program but explore if the same outcome be achieved in different ways. Is there more than one **route** to get to the same spot from the start place?

