Moving a Robot

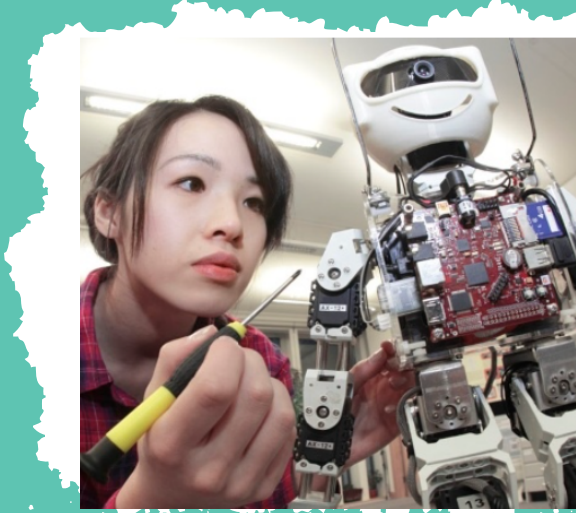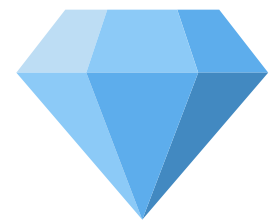## I have already learned:

- Instructions are a list of actions to complete
- (nstructions have to be given in the right order
- If instructions are followed in the wrong order or steps are missing then the end result will not be what you wanted
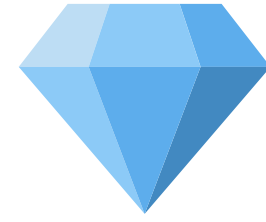
KNOWLEDGE GEMS
I am going to learn:

- To predict the outcome of a command
- To give and follow instructions
- To make a beebot move in four directions
- To make a beebot turn
- To create a simple program to move a
- beebot to a certain place
- To debug my program to make it work properly

Outcome:

To create two different sets of instructions to make a beebot move to the same place on a floor mat.

🔍 Careers in programming ✕

Robot Builder

Building and programming robots to complete tasks.

Programming

Vocabulary

debugging	Finding and fixing mistakes.	
command	An instruction given to a computer	
algorithm	A list of instructions that tell you what to do step by step	
programming	Telling a computer to follow your instructions	START
route	A path taken from a starting point to an end point	
direction	The way you need to go to get somewhere	

Computer Science

How computers work and how they are made.
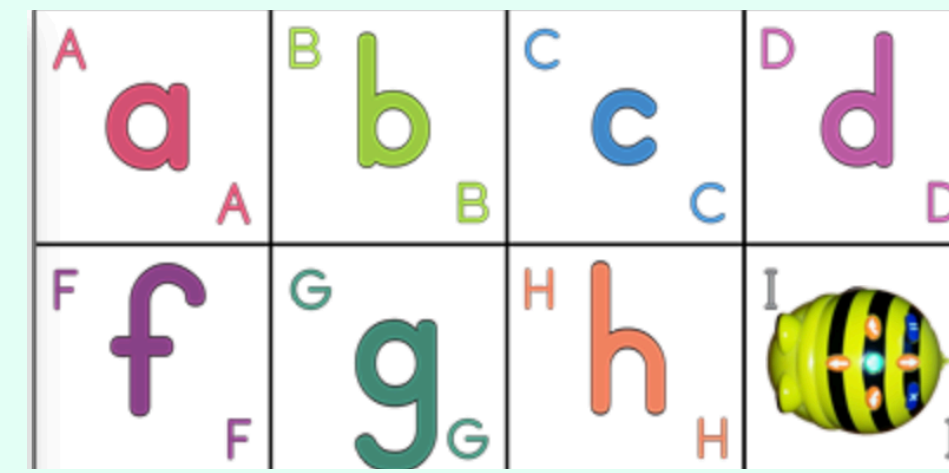
Information Technology

How to use computers to create digital content.

Digital Literacy

How to be safe and responsible on computers.

Which strands of computing have you been learning about today?

Building Blocks to E-Safety

E-Safety Tips

- Always ask a grown-up for help when using technology, and never use them without permission.

- Always handle technology gently, so you don't break it or get hurt yourself.

- Remember to take breaks and stretch your body while using computers. It's important to take care of your health and wellbeing even when using technology.
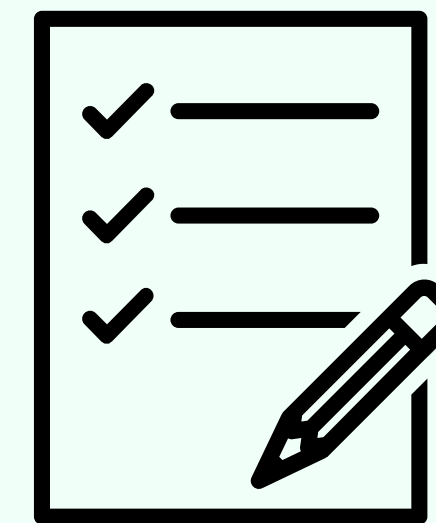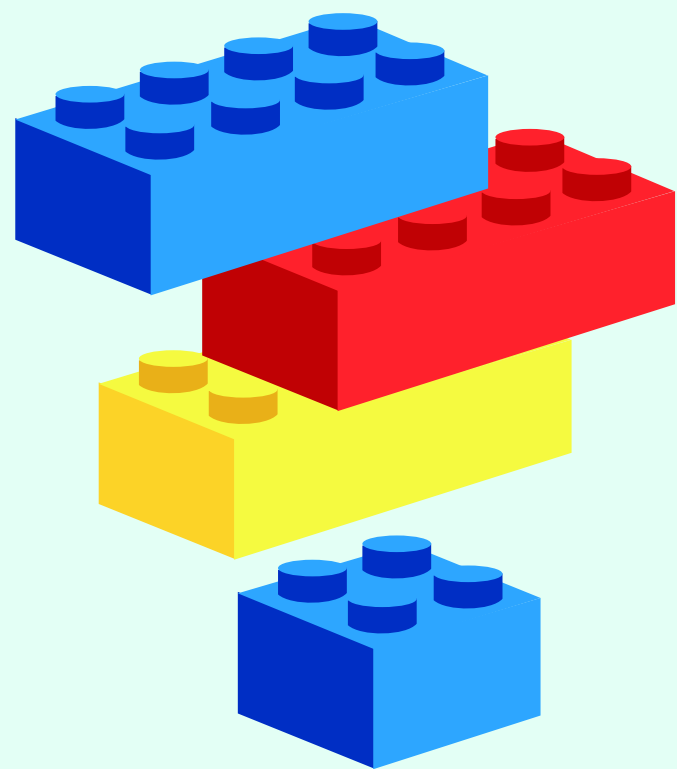
Useful Links

Online BeeBot simulator

Try it at home!

Can you create a set of instructions to get a family member to move across the room?

"Programming is like solving a puzzle—step by step, you make things happen!"