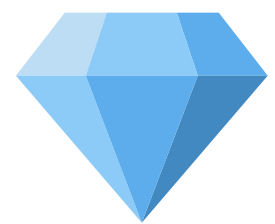
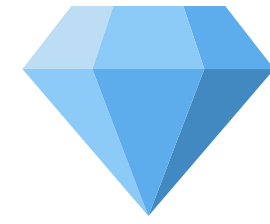


I have already learned:

- How to make a BeeBot move forwards and backwards
- How to make a BeeBot turn left and right
- To predict what will happen to a BeeBot when it is given a certain set of instructions

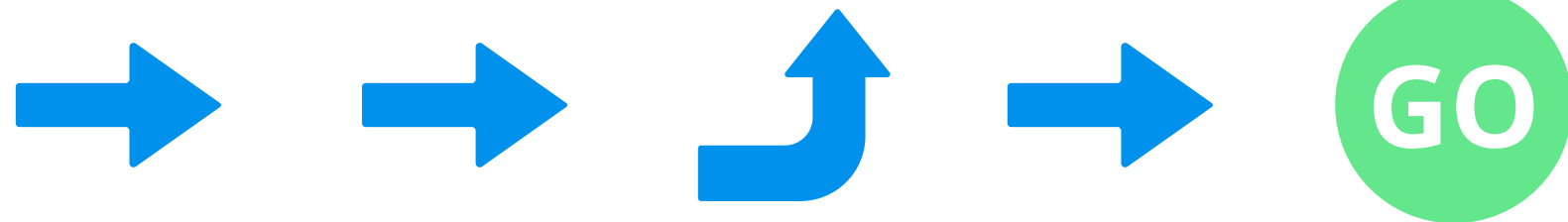


KNOWLEDGE GEMS



I am going to learn:

- To create my own set of instructions to make a BeeBot move
- To find and fix problems in my instructions
- To design and make my own BeeBot floor mat



**Outcome:**

Create a perfect set of instructions to make a BeeBot move across a floor mat and avoid obstacles

🔍 Careers in programming ✕



**Robotics Engineer**

Designing, creating and programming robots.



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	
route	A path taken from a starting point to an end point	
obstacle	An object that blocks or gets in the way of something that is moving	



How computers work and how they are made.



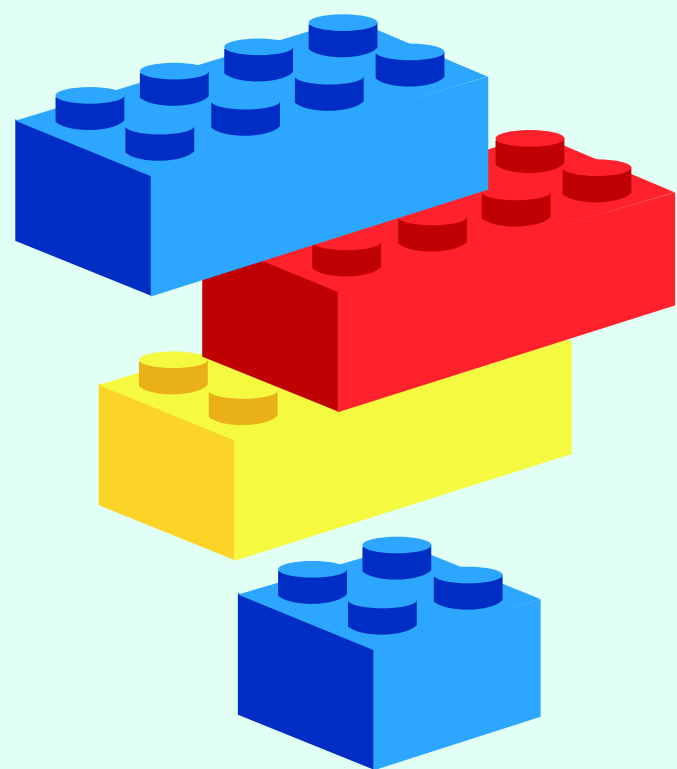
How to use computers to create digital content.



How to be safe and responsible on computers.

Which strands of computing have you been learning about today?

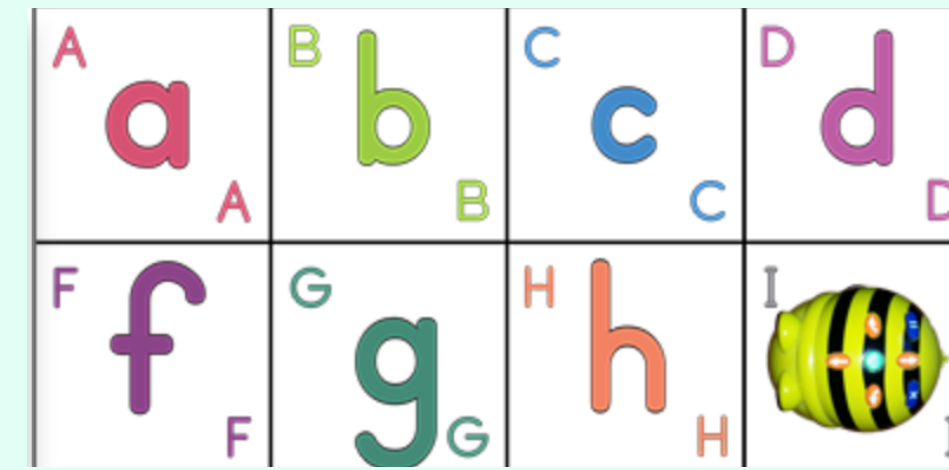
## Building Blocks to E-Safety



### 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



Code Monkey game

"Humans have always dreamed about robots.. Every time we learn something new about how they work, we are helping those dreams come true."