

Beebot Multiplication Challenge

Suggested Grade Levels: 3-6

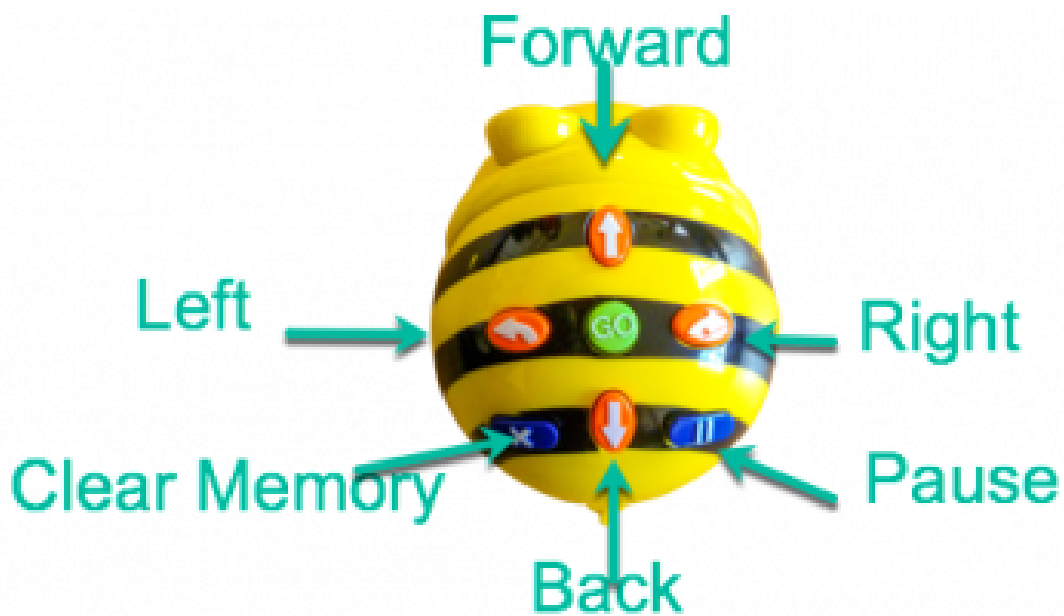


Sample Video

1. Work as a group to write a multiplication sentence using the numbers on your poster.

Example: $5 \times 4 = 20$

2. Program your Bee-Bot to start at "START" and move through the poster, pausing at each part of the multiplication sentence, and ending at "END," facing the direction of the arrow.
3. Plan ahead and write your code on paper.
4. Try to write your program using as few lines of code as possible (limit is 40).
5. Test and debug your program.
6. When your program is finished, give your poster and Bee-Bot to another group to test your program. (DON'T give them the multiplication sentence!)
7. When testing another group's program, figure out the multiplication sentence and write it down.



Hints:

- "On" switch is on the bottom left.

- Left / Right only rotate the Bee-Bot. You still need to command it to move forward.

- You can add on to your program as you go, but if there is a bug, you need to clear memory and start again.

- You can save steps in your code by using "Back" to have it go backward.