

Bee-Bot Basics: Forward and Backward Fun!

25 minutes**Exploring Robotics and Commands**

WHAT THIS LESSON DOES

In this lesson, you will guide your students in exploring the Bee-Bot, a programmable robot. The lesson involves introducing the Bee-Bot, conducting number strip and colour-based activities, demonstrating Bee-Bot operations, and facilitating student practice. The students will learn to give commands, clear the code, and engage in a group activity. The lesson concludes with a wrap-up reinforcing the skills learned.

WHAT STUDENTS SHOULD BE ABLE TO DO

- Understand the basic functions and controls of a Bee-Bot.
- Develop skills to instruct Bee-Bot to move forward and backward using a number line.
- Apply knowledge of Bee-Bot controls in a game-based activity.
- Comprehend the importance of 'clearing the code' before entering new instructions.
- Work collaboratively in small groups to guide Bee-Bot along a number line.

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HOW THE LESSON RUNS	
Meet the Bee-Bot	
Number Strip Activity	
Colour Based Activity	
Teacher Demonstration	
Student Practice	
Clear the Code	
Student Activity	
Wrap up	