

Flower Power: Planting with Bee-Bots

30 minutesExploring Robotics and Commands

WHAT THIS LESSON DOES

In this lesson, you'll guide students through a series of activities to reinforce their understanding of directional commands and sequencing. They'll start by acting as Bee-Bots, then practice programming on an interactive whiteboard, and finally, use real Bee-Bots to plant flowers on a grid mat. The activities are designed to provide hands-on experience with logical thinking and problem-solving processes essential for coding.

WHAT STUDENTS SHOULD BE ABLE TO DO

- Develop understanding and application of directional commands in a fun and interactive manner.
- Enhance problem-solving skills through the use of Bee-Bots and directional cards.
- Improve logical thinking by programming Bee-Bots to follow specific sequences.
- Gain hands-on experience in coding through the 'Planting Flowers' game.
- Reinforce the concept of sequencing and its importance in coding.

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HOW THE LESSON RUNS	
Introduction	
Be the Bee-Bot	
Bee-Bots Recap	
Planting Flowers	
Wrap Up	