

Number Tracer: Bee-Bot's Digital Path

30 minutes**Exploring Robotics and Commands**

WHAT THIS LESSON DOES

In this lesson, you'll guide students through programming Bee-Bots to trace digital numbers. Starting with a slideshow of digital numbers, students will then plan Bee-Bot paths on whiteboards before practising with an interactive game. Finally, they'll use Bee-Bots to trace numbers on a mat, reinforcing number recognition, sequencing skills, and programming.

WHAT STUDENTS SHOULD BE ABLE TO DO

- Develop understanding and recognition of digital number shapes.
- Enhance critical thinking through planning and sequencing of Bee-Bot commands.
- Improve ability to execute planned commands using Bee-Bots.
- Engage in interactive learning through digital tracing practice.
- Apply knowledge of digital numbers and programming in a challenging extension activity.

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HOW THE LESSON RUNS
Introduction
Digital Numbers
Whiteboard Planning
Digital Tracing Practice
Tracing Numbers with our Beebots
Wrap Up