

# BLUE-BOT

## BLUETOOTH ENABLED BEE-BOT



**Blue-Bot brings science, technology, engineering, and math into the classroom for even the youngest students and builds foundational skills for lifelong learning.**

**Meet Blue-Bot**, the next version of the popular Bee-Bot robot with a twist: a Bluetooth connection that lets you program the robot from a tablet, PC, or TacTile Reader as well as directly via the on-board keys. Move Blue-Bot forward and back, turn left and right and teach sequencing, directionality, problem-solving, counting, and estimation. Students want to put Blue-Bot through its paces which develops important thinking skills while they are having fun.

Take Blue-Bot to the next level by using iPad or Android tablets, *Terrapin Logo* on PC, Mac, or Chrome, or the TacTile Reader to create a plan and send it to Blue-Bot via Bluetooth. Then watch as Blue-Bot follows the program. If it is not what you want, simply change the commands and send it again. Additional capability for 45-degree turns and repeating commands expands the Blue-Bot programming experience.

Creating and refining a program and then sending it to Blue-Bot provides an additional conceptual level of understanding that further develops algorithmic thinking skills.

Like Bee-Bot, Blue-Bot is sturdily constructed and holds up well to classroom use. Blue-Bot blinks and beeps engagingly to provide feedback as it follows a program. With its clear shell, Blue-Bot is literally transparent so that its components may be seen, helping to demystify technology. A rechargeable battery, with accompanying charger cable, provides years of use.



Transparent shell to show inner workings

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### Product Features

- Free iOS (v. 7.1 and greater) and Android (v. 2.2 and greater) programming apps available
- Compatible with *Terrapin Logo* for PC, Mac and Chrome programming
- Forward, Back, Left, Right, Pause, Clear, and GO keys for on-board programming
- On-screen programming adds Repeat and 45-degree turns
- Rechargeable battery and USB recharger cable with each unit
- Transparent shell to show inner workings
- Individually identifiable so multiple units may be used in a classroom



### Blue-Bot Accessories

Terrapin offers a wide variety of accessories to support learning with both Bee-Bot and Blue-Bot. Bee-Bot and Blue-Bot share the same form factor and scaling so all accessories, including the Docking Station and classroom mats, work with both. Start with Bee-Bot and move on to Blue-Bot or mix the two robots together and utilize the same mats, curriculum, and accessories. Check out Terrapin's discounted bundles of Bee-Bots, Blue-Bots, and accessories to equip your classroom economically.

### Blue-Bot TacTile Reader

**A special hands-on way to program Blue-Bot remotely**

The Blue-Bot TacTile Reader is a unique, hands-on programming device to control Blue-Bot. Press the blue connect button to pair Blue-Bot with the TacTile Reader. Then place individual tiles, each representing a Blue-Bot command, sequentially on the TacTile Reader. Press the green GO button and watch Blue-Bot move step-by-step through the program while the TacTile Reader lights up each command as Blue-Bot performs it. Want to change the program? Just switch the order of the tiles and press the green button again. The TacTile Reader combines the excitement of Blue-Bot with a concrete, hands-on immersion in coding.



The TacTile Reader holds up to 10 tiles, allowing a program up to 10 steps long. Connect up to three TacTile Readers with the included cable, so students can build programs of up to 30 steps. The TacTile Reader is rechargeable and includes 25 Blue-Bot command tiles. Supplemental tile packs of regular and extended commands (including Repeat and 45-degree turns) are available.

The TacTile Reader introduces remote programming without the complications of apps and tablets and makes learning to code a direct, hands-on experience.



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