

Terrapin

Tools for thinking



STEM Products



Home of Terrapin Logo



Bee-Bot



Where Learning to Code BEEgins!



Bee-Bot is an exciting robot designed specifically for young children. This colorful, easy-to-operate, and friendly little robot is a perfect tool for teaching counting, sequencing, estimation, directionality, problem-solving, and just having fun!

Sturdy construction and colorful design entice children to put Bee-Bot through its paces. Directional keys are used to enter up to 200 commands that send Bee-Bot forward, back, left, and right. Pressing the green **GO** button starts Bee-Bot on its way. Bee-Bot blinks and beeps at the conclusion of each command to allow children to follow Bee-Bot through the code they have entered, and then confirms its completion with lights and sound. Children want to use Bee-Bot over and over and are inspired to enter ever more creative and complex command sequences.



BUNDLES

Terrapin provides cost-effective bundles featuring Bee-Bots, Blue-Bots, and accessories to maximize student engagement.

Terrapin's Hive Bundle includes:

- 6 **Bee-Bots** OR 6 **Blue-Bots**
- 1 Docking Station
- 6 decks of Command Cards



Terrapin's Class Bundle includes:

- 4 **Bee-Bots** OR 4 **Blue-Bots**
- 2 Card Mats
- 2 decks of Command Cards
- 1 Six-Bot USB Charger
- 1 year of Lesson Plans





Blue-Bot

The Bluetooth-enabled Bee-Bot



Blue-Bot is Bee-Bot with a Bluetooth connection.

Program Blue-Bot from a tablet, PC, or TacTile Code Reader as well as directly via the on-board buttons. 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 a tablet, PC, Mac, Chromebook, or TacTile Code Reader to create a plan and send it to Blue-Bot via Bluetooth. Watch as Blue-Bot follows the code. Not what you want? Simply change the commands and send the program again. Add 45-degree turns and repeat loops to Blue-Bot's repertoire when using Bluetooth.

Blue-Bot is sturdily constructed and designed for classroom use. With its clear shell, Blue-Bot is literally transparent so that its components can be seen, helping to demystify technology.



BUNDLES

Choose from our standard bundles with popular combinations or create a custom bundle tailored to your needs, all at discounted prices.

Terrapin's Learning Station includes:

- 1 Bee-Bot OR 1 Blue-Bot
- 1 Card Mat



Terrapin's Blue Connection Bundle includes:

- 1 Blue-Bot
- 1 TacTile Code Reader





Bee-Bot & Blue-Bot

Accessories

Charge, Store and Transport

- **Hive Case**
- **Docking/Charging Station**
- **Six-Bot USB Charger**



Planning Tools

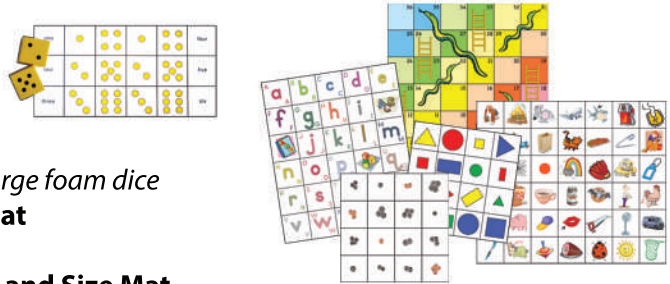
- **Command Cards** – Visually lay out the code.
- **Bee-Bot Step Ruler** – Ruler = one robot step
Measure a path for Bee-Bot or Blue-Bot to follow.



Learning Mats

Skills Mats

- **Alphabet Mat**
- **CVC Words Mat**
- **Dice Mat** with large foam dice
- **Number Line Mat**
- **US Coins Mat**
- **Shapes, Colors, and Size Mat**
- **Snakes & Ladders Mat** with large foam die & game play guidance



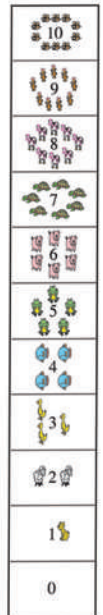
Narrative Mats

- **School Mat**
- **Community Mat**
- > **3D Community Construction Kit** also available
- **Country Road Mat**
- **Old West Mat**
- **Baseball Mat**
- **Go Cart Rally Mat**



General Purpose Mats

- **Card Mat** – 6x6 grid with clear vinyl overlay
- **Dry Erase Mat** with markers and cleaning cloth



Bee-Bot & Blue-Bot

Accessories



Additional Accessories

- **Robot Sensors** – Trigger a pre-recorded message when a 'bot passes by.
- **Card Decks** – Use with a Card Mat or as stand-alone teaching aids.

- **Alphabet Cards**
- **CVC Word Cards**

- **Pen Holder Jackets**
- **Pusher Jackets**
- **"Bee-signer" Jackets**



- **TacTile Code Reader** – A hands-on way to program Blue-Bot remotely.
 - includes Standard Pack of basic directional tiles
- **Extra coding tiles** for the TacTile Code Reader
 - Standard Pack – basic directional tiles
 - Extension Pack – tiles for 45-degree turns and repeat loops



PRACTICE CODING ONLINE

- **Bee-Bot Online Emulator** – <https://beebot.terrarinlogo.com>
 - Program a virtual Bee-Bot on any browser-enabled device.

- **Blue-Bot Online Emulator** – <https://bluebot.terrarinlogo.com>
 - Program a virtual Blue-Bot on any browser-enabled device.
 - Connect to a nearby Blue-Bot and control it remotely.

- Choose any of Terrapin's Learning Mats as a surface to explore.
- Integrated with online curriculum





Tuff-Bot

The Rugged Robot



Tuff-Bot - the Rugged Robot is perfect for both classroom and outdoor use, including the hallway, gym, ballfield, playground, or even the woods! A tough shell, oversized wheels, and adjustable speeds enable Tuff-Bot to handle uneven terrain. Tuff-Bot is adaptable to many settings, taking it beyond the boundaries that limit many robots, encouraging exploration across the curriculum.

Control Tuff-Bot using its onboard directional buttons that send it forward and back, and turn it left or right. Alternatively, the Bluetooth connection offers coding and control of Tuff-Bot remotely with a tablet, PC, Mac, Chromebook, or the TacTile Code Reader. Built-in obstacle avoidance helps Tuff-Bot navigate around barriers, reversing and redirecting as required. Variable settings enable control over pauses and turn speeds, allowing easy adaptation to different environments.

Using Tuff-Bot is a hands-on, highly engaging way for students to learn coding basics and develop logical thinking, problem-solving, and communication skills. Tuff-Bot encourages collaboration and extends robotics into environmental exploration.



BUNDLES

Encourage students to discover new perspectives and engage with their environment through data capture and analysis.

Terrapin's Tuff-Bot Excursion Bundle includes:

- 4 Tuff-Bots - the Rugged Robot
- 1 Robot Sports Camera (with mount)
- 1 Data Logging Backpack
- 1 Six-Bot USB Charger



Tuff-Bot Accessories



Robot Sports Camera - fits on Tuff-Bot and lets students use remote control to visually record the robot's environment with photos or video.



Data Logging Backpack - encourages students to discover new perspectives and engage with their environment through temperature, humidity, and light data capture and analysis.



TacTile Code Reader & Extension Tiles – offers a hands-on way to program Tuff-Bot remotely. Extension Tiles offer 45-degree turns and repeat loops.




Six-Bot USB Charger - charges up to six Tuff-Bots or other USB devices from a single outlet. Includes optimal device adaptation and a built-in circuit breaker.



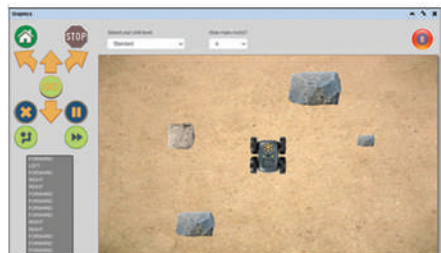
Hive Case - provides secure storage and transport for two Tuff-Bots plus accessories.



PRACTICE CODING ONLINE

 **Tuff-Bot Online Emulator** – <https://tuffbot.terrapiinlogo.com>

Program a virtual Tuff-Bot on a browser-enabled device with a large screen. Choose the number of obstacles to avoid. Use the Bluetooth button to connect to a nearby Tuff-Bot and use the emulator to control it remotely.





Pro-Bot

Introduce Angles



Pro-Bot is an advanced robot disguised as a race car, designed to offer students a hands-on coding experience that enhances planning, reasoning, geometry, and other math skills. Its appealing, user-friendly design makes Pro-Bot easy to use, while its many features keep students engaged and challenged as they progress. Self-contained and controlled via an on-board keyboard, Pro-Bot requires no additional devices or connections. The built-in LCD screen displays commands, and changes can be made directly on the screen.

Pro-Bot can draw as it moves by holding a marker, which turns an ordinary learning experience into interactive discovery. With touch, sound, and light sensors, it can be programmed to react to its environment.

Give Pro-Bot commands to repeat and store subprocedures to simplify complex projects and designs. Learning to code becomes fun and effective, promoting collaborative learning and energizing the classroom environment.



BUNDLES

Pro-Bot transforms a classroom into a hub of excitement and learning, sparking creativity and innovation.

Terrapin's Pro-Bot Six Pack includes:

- 6 Pro-Bots
- 3 Robot Pen Packs
- 1 Robot Sports Camera (with mount)
- 1 Six-Bot USB Charger
- 1 year subscription to *Pro-Bot Lessons*



Pro-Bot Accessories



Route Mat - features multiple paths for Pro-Bot to navigate. Large enough to accommodate multiple Pro-Bots.

Dry Erase Mat - includes pens and a cleaning cloth. Provides an ideal surface for students to draft and revise Pro-Bot drawings.

Guard Mat - offers a clear, protective surface for Pro-Bot to draw without damage on posters, mats, and other images, or as a protective layer under paper when drawing on carpet.

Robot Pen Pack - includes eight colored felt-tip pens designed to fit Pro-Bot's pen mechanism.

Robot Sports Camera - fits on Pro-Bot and lets students use remote control to visually record the robot's environment with photos or video.

3D Community Construction Kit - provides everything you need to construct a town for Pro-Bot to navigate.

Six-Bot USB Charger - charges up to six Pro-Bots or other USB devices from a single outlet. Includes optimal device adaptation and a built-in circuit breaker.

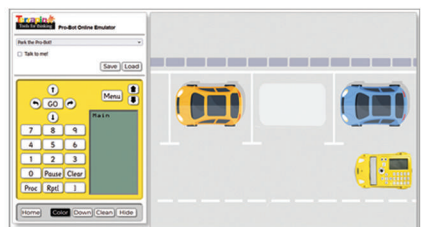
Hive Case - provides secure storage and transport for the Pro-Bot Six Pack bundle.



PRACTICE CODING ONLINE

Pro-Bot Online Emulator – <https://probot.terrapinlogo.com>

Program a virtual Pro-Bot on a browser-enabled device with a large screen. Choose from various Learning Mats or online challenge mats. Adjust pen position for drawing, and write procedures to control sensors.





InO-Bot

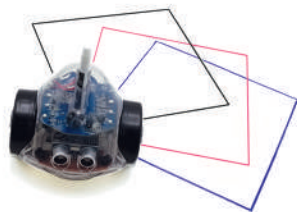
The Logo Turtle Comes to Life!



Dive into coding with InO-Bot, where learning meets excitement! InO-Bot is the Logo turtle come to life and invites students to experiment and develop intricate programs.

When connected via Bluetooth, InO-Bot and the classic Logo turtle work in tandem, executing programs on the table or floor as well as on the screen.

InO-Bot holds a pen and can draw, raising and lowering the pen under program control. Beyond moving and drawing, InO-Bot offers many interactive features including LED headlights, RGB lights, sound effects, and light and proximity sensors. InO-Bot provides an easy start for beginners and a continuing challenge for advanced coders to explore robotics.



Accessories

InO-Bot is fully compatible with all Pro-Bot accessories.

- **Route Mat**
- **Dry Erase Mat**
- **Guard Mat**
- **Robot Pen Pack**
- **Robot Sports Camera**
- **3D Community Construction Kit**
- **Six-Bot USB Charger**



In addition, the **Hive Case** provides secure storage and transport for the InO-Bot Six Pack bundle.

BUNDLES

Terrapin's **InO-Bot Six Pack** includes:

- **6 InO-Bots**
- **1 Logo Classroom License (30 users)**
- **1 Six-Bot USB Charger**



Terrapin Logo

A Modern Classic



Developed at MIT, Logo was the first computer language designed for children. This pioneering tool empowers students to explore math, language, music, art, and science, through programming. Using Logo, students develop essential skills in planning, problem-solving, and critical thinking.

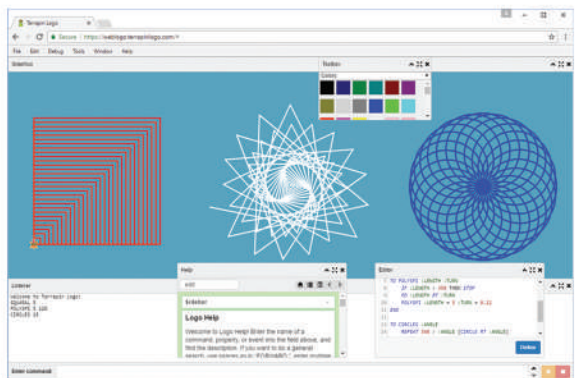
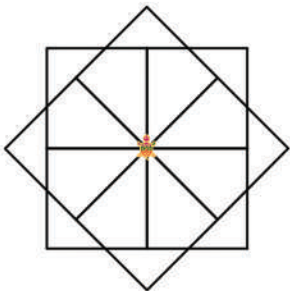
Logo is easy to start yet rich in capabilities, giving students of all ages a dynamic way to explore with a computer. Intuitive commands allow beginners to start coding immediately by sending Logo's iconic turtle cursor across the screen, drawing and creating patterns as it moves. Students want to make colorful designs through which they build understanding of math and logic.



Terrapin Logo's many commands and features, including multiple turtles, variables, recursion, and arrays, enable advanced students to design complex projects and simulations. Logo encourages collaboration and motivates students to refine and expand their coding skills.

Terrapin has been a Logo expert for over 45 years, embracing Logo tradition while taking advantage of the latest technology. *Terrapin Logo* is now available as a downloadable program for Windows and Mac computers, and as a web-based app for Chromebooks, PCs, and large tablets.

Terrapin extends Logo learning into the world of robotics. Terrapin's robots embody Logo concepts, bringing screen-based coding into the physical world.



L I C E N S E S



- **14 day Free Trial**
- **Household License** for home use
- **School License** for multiple students





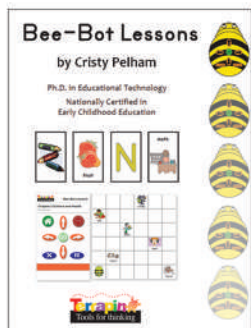
Curriculum

Need a Head Start?

Get the most from your robots with **Classroom Lessons**, integrated with **Online Emulator Activities**. Students explore coding, collaboration, computational thinking, and problem-solving in standards-aligned lessons.

View and print all lessons, images, and supporting resources. Lessons are site licenses and may be used throughout a school site.

What's the Difference?	Product Compatibility				Designed for Grades								
	Bee-Bot	Blue-Bot	Pro-Bot	Custom Logo interface	Pre-K	K	1	2	3	4	5	6	7
Bee-Bot Lessons	•	•			•	•	•	•					
Storytime STEM+C Adventures	compatible except for remote coding in the Mouse Adventures	•			•	•	•	•					
Exploring Math with Blue-Bot	compatible except for remote coding	•				•	•	•	•				
Problem Solving with Bee-Bot	•	•				•	•	•	•	•	•	•	•
Pro-Bot Lessons			•			•	•	•	•	•	•	•	•
Kinderlogo				•		•	•	•	•				



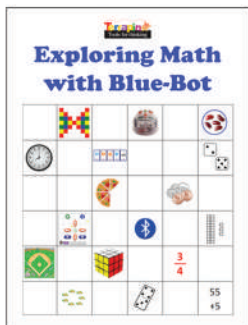
Bee-Bot Lessons integrate Bee-Bots into your K–2 curriculum. Over 200 activities cover all areas of the curriculum. Students explore math, language arts, science, the arts, holidays and more in this comprehensive package. Lessons are integrated with the Bee-Bot Online Emulator so students can practice skills online as well as with Bee-Bot. Differentiated instruction tips help teachers adapt lessons to accommodate all students.



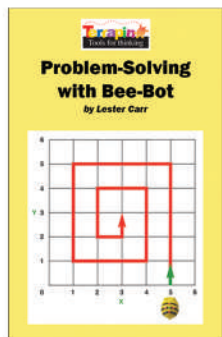
Storytime STEM+C Adventures combine literacy with coding for Pre-K–2 students. Choose adventures that focus on science, engineering, or math, each with children’s books and a full set of materials for 24 students. Designed for use with Bee-Bots or Blue-Bots, these engaging activities are an effective way to build a solid foundation in language arts and computational thinking.

Curriculum

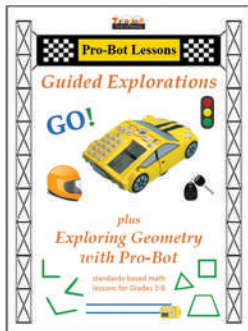
Draw from Hundreds of Lesson Ideas!



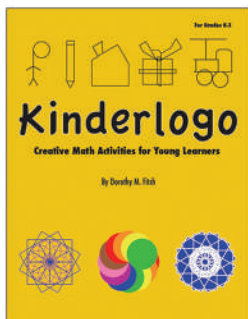
Exploring Math with Blue-Bot (and Bee-Bot) engages students in fun, standards-based math activities. In these classroom and online activities, students practice counting and place value, time and money, perimeter and area, bar graphs, and fractions. The Teacher Guide explains how to make activities easier or more challenging to accommodate all students. Most activities are also compatible with Bee-Bot.



Problem-Solving with Bee-Bot uses Bee-Bot to teach problem-solving and critical thinking skills. Through a series of sequential challenges, students learn to direct Bee-Bot or Blue-Bot on increasingly complicated routes, developing an understanding of programming, prediction, self-evaluation, and mapping in the process. These activities are also compatible with Blue-Bot.



Pro-Bot Lessons is a series of guided explorations that introduce Pro-Bot. Lessons include student instructions and worksheets to print and distribute, along with notes on implementation. "Focus on Geometry," aligned to Grade 3–8 standards, uses Pro-Bot's drawing capability to explore geometry hands-on. *Pro-Bot Lessons* is integrated with the Pro-Bot Online Emulator so students can learn both online and with Pro-Bot.



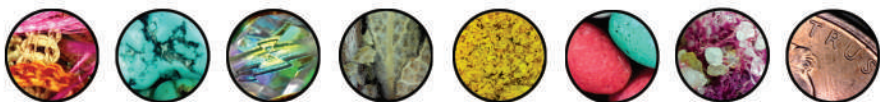
Kinderlogo puts students in the driver's seat as they explore math concepts. Students use easy-to-remember keystroke commands to move and turn Logo's turtle-shaped "cursor" to create shapes, repeat colorful patterns, name new commands, and create original designs. Available in both home and school versions.



Digital Microscopes

Zoom in on Your World!

Discover the wonders of everyday objects with **Easi-Scope** and **Flexi-Scope** digital microscopes! These user-friendly tools magnify items and display the details on a computer or tablet screen. Capture videos and images with a single button press. Easi-Scope and Flexi-Scope turn students into scientific detectives, revealing the hidden intricacies of their surroundings.



Microscope options include:

- **Easi-Scope (USB)** - connects via USB and positions by hand
- **Easi-Scope (Wireless)** - connects via Wi-Fi to up to six devices
- **Flexi-Scope** - connects via USB and remains stationary



Easi-Scope's egg shape is perfect for young hands, while its built-in lights provide close-up illumination. Flexi-Scope's flexible neck allows for hands-free use. All models are great for studying objects that don't fit under a standard microscope. Connect Easi-Scope (USB) or Flexi-Scope to a Smartboard, or Easi-Scope (Wireless) to multiple devices simultaneously and the whole class can share in discovery.

BUNDLES

Easi-Scope (USB) Six Packs and **Easi-Scope (Wireless) Six Packs** are available (with accessories included) as well as an **Easi-Flexi Combo**.



Tools for Exploring Microscope Accessories & More



Collection Containers offer a practical solution for gathering and storing dry samples for examination with any microscope. Clear, round plastic containers feature easy-to-remove screw tops for convenient, secure storage.

Students can collect, label, and examine samples, such as leaves, twigs, soil, pebbles, shells, seeds, and feathers. Then they can record their findings, modeling the scientific method.



LiveSlides® are perfect for examining liquid samples. Explore the hidden microscopic world in water from ponds, puddles, streams, and more. Use the dropper to place drops on a LiveSlide, cover with the protective coverslip, and examine to unveil fascinating details.

- **LiveSlide Explorer Kit** - 2 LiveSlides and one 20 ml collection bottle with dropper
- **LiveSlide Classroom Kit** - 6 LiveSlides and two 20 ml collection bottles with droppers



Six-Bot USB Charger - charges up to 6 Easi-Scope (Wireless) units or other USB devices from a single outlet. Includes optimal device adaptation and a built-in circuit breaker.



Hive Case - provides secure storage and transport for the microscope bundles.



Further Environmental Exploration

Easi-Detectors are child-friendly metal detectors designed for small hands. They beep brightly when within an inch of metal, even through paper, sand, or other covers. Ideal for teaching material properties and encouraging treasure hunts.

- Versatile Use: Perfect for indoor and outdoor exploration.
- Encourages Creativity: Inspires imaginative play and discovery.
- Learning Through Play: Makes education fun!



Terrapin

Tools for exploring



While very effort has been made to ensure the accuracy of this brochure, bundles in particular are subject to change. For the most up-to-date information, please refer to our website.

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