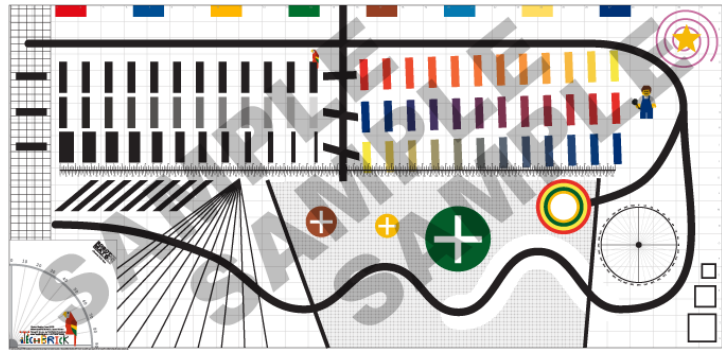


Training Mats for Popular International Robotics Competitions and Systems

Why wait for your competition mat each year to begin to train your rookies or build the skills of your current team members? You can start today with our universal training mats. They provide every scenario required to teach all the fundamentals of NXT/RX programming and similar robotics systems. Use them to design your own missions and exercises.

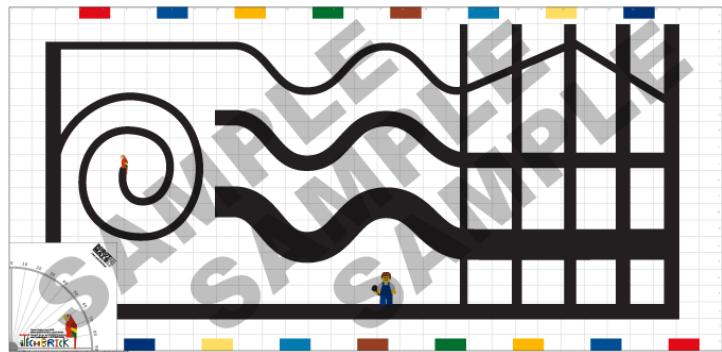
General Skills Mat

This mat contains every element present in a variety of challenges. Features include varying types of lines, counting blocks in widths and contrasts, a variety of targets, interfering backgrounds, side blocks, aiming compasses, and a 70" ruler (in US and Metric).



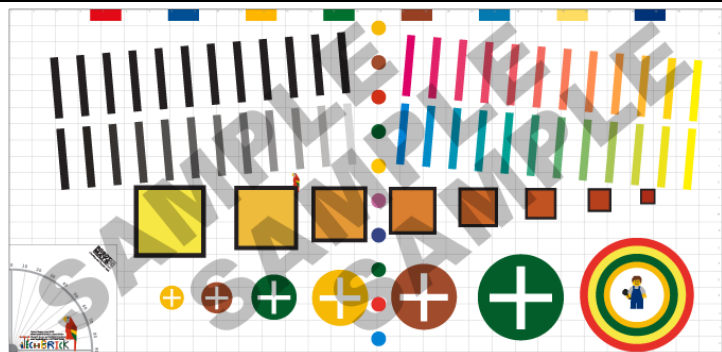
Line Following Mat

This mat focuses on line following skills. Three primary lines are provided in varying widths. Lighter cross lines provide sensor skill building scenarios. A spiral area is included as well for tight turning exercises. A medium border runs up and from left along the bottom for a path back to base.



Counting and Targets Mat

This mat provides a range of counting objects including black bars, graduated gray bars, and a full range of Blue/Red/Yellow bars to work on perceptual contrast and color sensor skills. Four sets of targets are included for counting/positioning scenarios.



Country City Mat

NEW!

This mat provides a storyboard for creative challenges. In the curriculum area we have suggested names for the areas but we'd also like your students to come up with their own stories and structures.

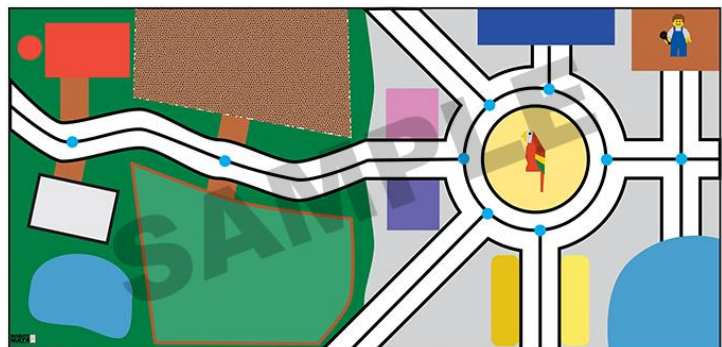
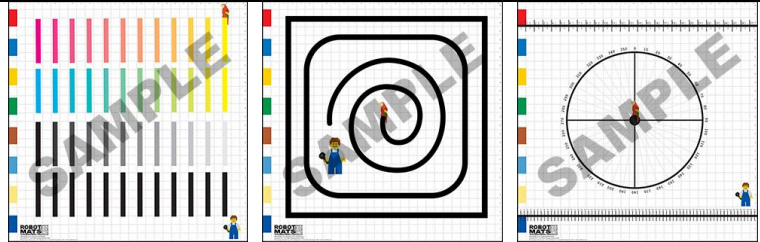


Table Top Mats

Need a simpler solution? These mats are just 28 inches square and will fit on any standard table. They feature the key issues needed to master basic programming and sensors including counting and sensor color/contrast, basic measurements, and line following. Easy to store and transport. Sold as a set.



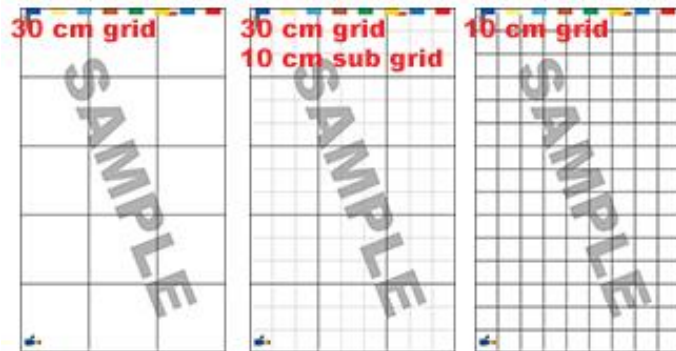
All The Grids Mats

These mats provide a simple grid pattern for Wonder Workshop robotics and similar classroom systems.

- Printed in full color
- Printed on 13 oz outdoor matte vinyl
- Classroom size of 90cm x 150cm
- Available in three patterns
 - 10 cm black grid
 - 30 cm black grid
 - 30 cm black grid with lighter 10 cm lines (most popular)

Basic Grid Mats For General Robotics

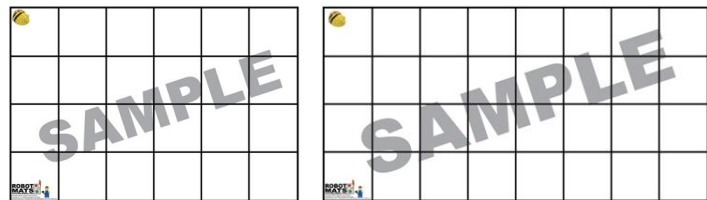
150cm x 90cm



Bee-Bots General Mats

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

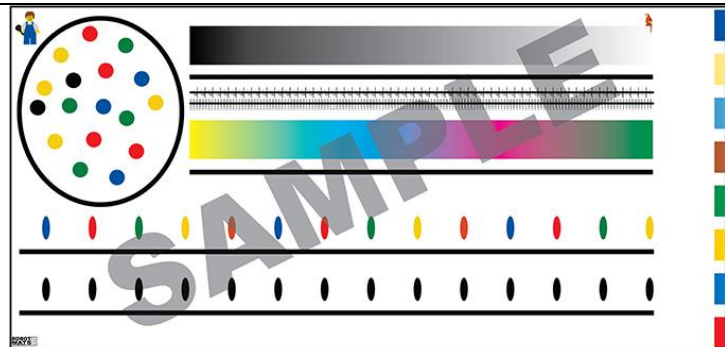
1. Printed in full color
2. Printed on 13 oz outdoor matte vinyl
3. Two sizes both with 15cm grids
4. 4x6 grid with a total size of 92cmx62cm (apx 36.5 x 25.5 inches)
5. 4x8 grid with a total size of 122cmx62cm (apx 48 x 25.5 inches)



Light sensor Mania

Light sensors are the key to success in many challenges. Yet most teams barely use them. This mat gives you a full range of test scenarios in which students can refine the key tasks of using light sensors.

6. Use the graduated bars top measure fine gradients in gray and color. Learn how to refine the sensor response and deal with varying lighting.
7. Use the black ovals for basic counting. Count all, count to a specific number, move back and forth based on counts.
8. Use the color ovals for basic counting. Count all how many of each color. Move to a specific count of color.
9. Use the dots in the circle for random counting. Stay in the circle, find or count a specific color without repeating. Stop on specific colors.
10. Includes inches and metric rulers for reference.
11. Includes line for line following.
12. Use your imagination!





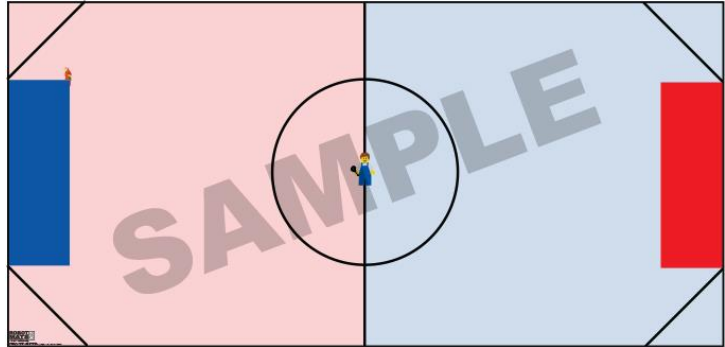
Robot Mats at RobotMats.com.

The Ultimate Training Tool Popular International Robotics Competitions and Programs.

© 2017 and Patent Pending Marco Ciavolino & Enktesis, LLC / <http://www.techbrick.com/> / marco@techbrick.com Unauthorized duplication or production prohibited / 1603 Belvue Drive / Forest Hill, MD 21050-2508 // Phone: 410-838-8264 // Fax: 443-307-0094

Competition Mat

Since EV3 components can easily be remote controlled we would like to see teams try FTC/FRC/VEX style competitions with LEGO EV3 systems. This mat provides a standard FTC-like field on which a number scoring elements can be placed. See the next page for an example based on the 2016-17 FTC challenge. One, two, or three robots are placed on each end as a red and blue alliance. They then do any combination for autonomous (programmed) and tele-op (driver controlled missions) to score points. We would love to see this introduced to FLL in the future so try it and let the folks at FIRST LEGO League know how much fun it is.



How to Purchase Robot Mats

1. **SHIPPING:** Production and shipping time is typically 6-8 days.
2. **METHOD:** All orders are shipped FEDEX Ground within the US and Canada.
3. **SCHOOLS:** If you are school or organization that must use a purchase order, just forward the PO with a check for the full amount. You can email it to sales@robotmats.com or fax it to 443-307-0094 and then mail a check. When your payment has been received, we will ship the mat(s).
4. **INTERNATIONAL INQUIRIES:** International orders can be fulfilled using local production partners. Please email your request to sales@robotmats.com. We will quote you postage and estimated costs based on current currency exchange rates. We typically use providers within your region to reduce shipping costs.
5. **BULK ORDERS:** Discounts are available for orders of five or more mats (any combination). Please contact us to discuss your order.