

Printing and lamination instructions

DO NOT PRINT THIS PAGE

Printers! Please note the following!

Document name: EdMat-Edison-Activity-Mat-Black

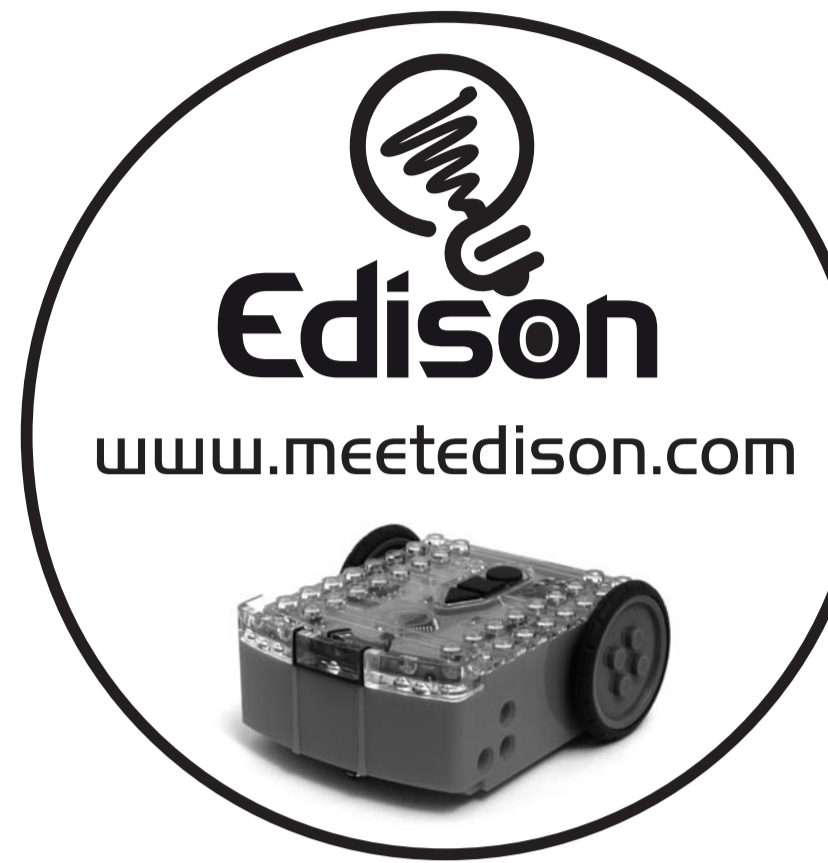
Dimensions: A1 size (59cm x 84cm) (23.2in x 33.1in). Print only at this size.

Paper requirements: minimum 150GSM or thicker paper. No glossy, or semi-glossy paper. If paper is coated, only use matte finish. Do not use glossy or semi-glossy finish. (**NOTE:** 200GSM or thicker paper with a matte finish is recommended for best durability.)

Lamination requirements: Lamination is optional. Only use a matte finish laminate, if laminating.

Additional information about the EdMat

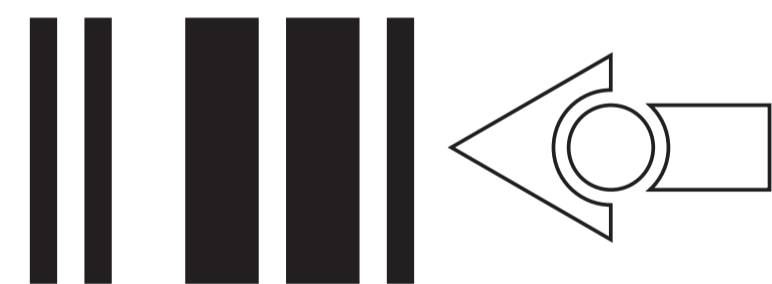
- A glossy surface, including glossy lamination and glossy finish paper, will affect the Edison robot's sensors and may cause errors. Please ensure you use a matte finish if laminating the EdMat. Only print the EdMat on uncoated paper or select matte finish if printing on coated paper.
- If the barcodes are printed on thin paper, the Edison robot's line tracker may pick up dark surfaces from underneath the paper, which can interfere with the barcode scanning. Be sure to print the EdMat on 150GSM or thicker paper. 200GSM or thicker paper with a matte finish is recommended for best durability.
- Do not change the size of the barcodes before printing them. Shrinking or enlarging the barcodes may prevent the Edison robot from reading the barcodes correctly.
- Printing and laminating EdMats in bulk? It is highly recommended that you first print and finish a single EdMat to the specifications you will be using, test the EdMat using an Edison robot and confirm that the robot can read the barcode 'Follow a line' and successfully run that program on the EdMat to ensure the paper and finish combination work.
- Additional information can be found at www.meetedison.com/edmat/



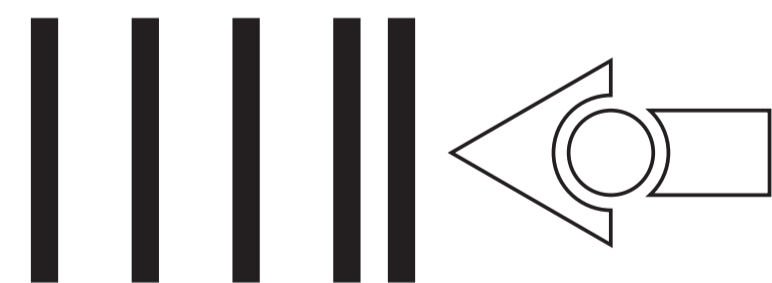
microbric™



Sumo wrestle
Edison will seek his opponent and push him out of the track borders.



Bounce in borders
Edison will stay inside the track borders.



Clap controlled driving
One clap = turn.
Two claps = drive forward.



Avoid obstacles
Edison will use infrared light to detect and avoid obstacles in his path.



Follow torch
Use a torch/flash light to guide Edison.



Line tracking
Edison will follow the line.
Always start Edison off the black line.

Barcode reading

- Step 1. Place Edison facing the barcode on the right side.
- Step 2. Press record (round button) three times.
- Step 3. Edison will drive forward and scan the barcode.
- Step 4. Press play (triangle button).

To stop Edison press stop (square button).

