

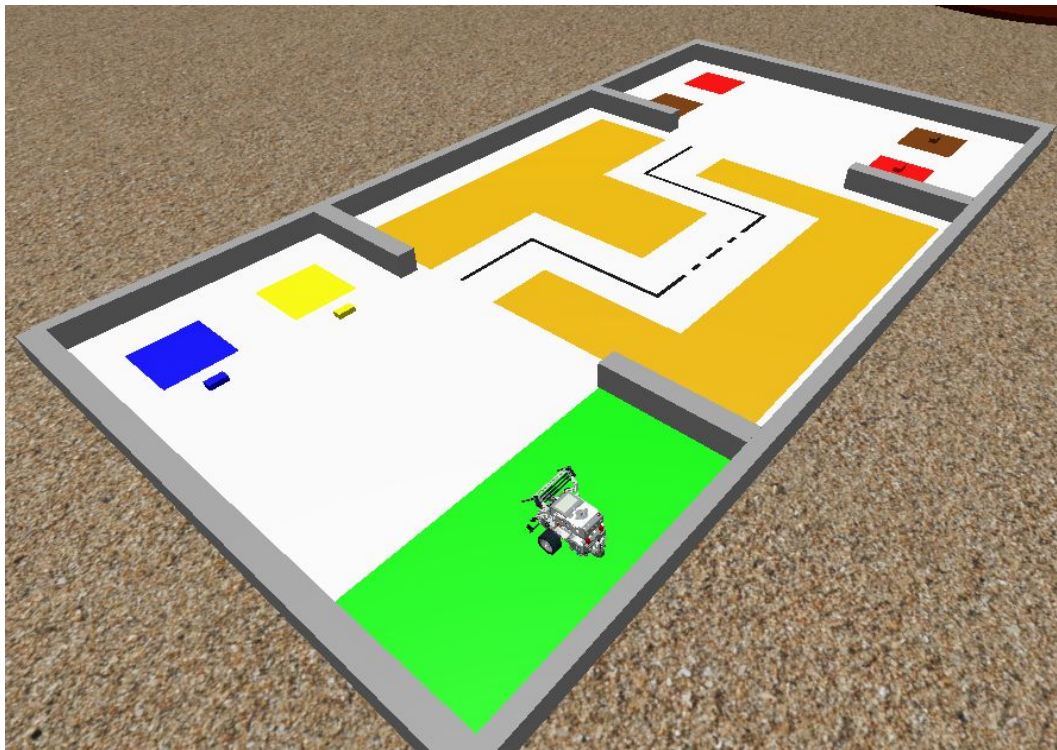
RVG SKILLS CHALLENGES

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SEASON 2021

Open Free

Skills Mat - 1



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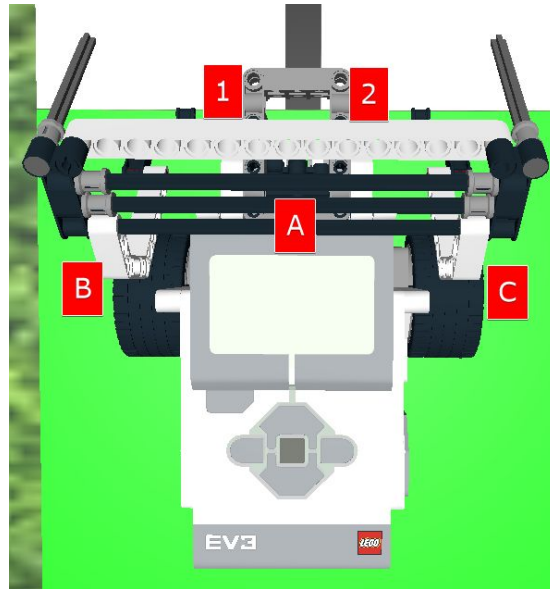
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General Rules

1. Anyone can enter this mat to compete.
2. **Changes to the environment or track are not allowed before, after and during the simulation.**
3. **The only change allowed is to import a robot and rotate it within the Start Zone before the simulation starts.**
4. When the simulation begins, the competitor can only use the camera tools and the score table button.
5. All tasks must be solved only using the code created by the participant for the robot.

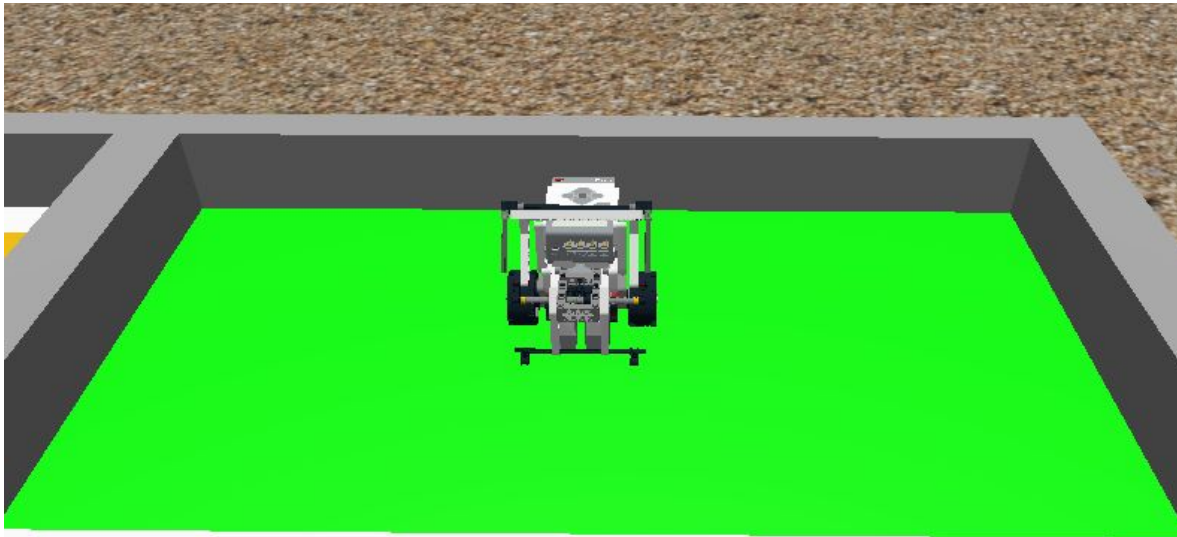
Robot Ports

* Remember, it is allowed to import the robot.

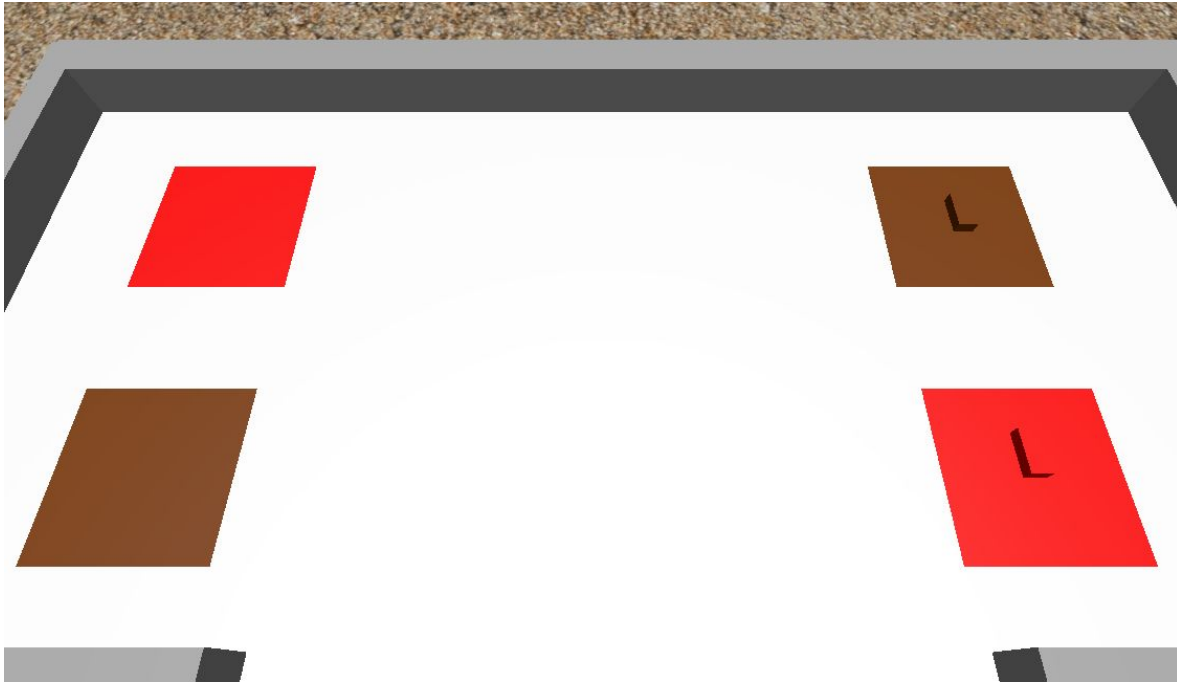


Robot mission

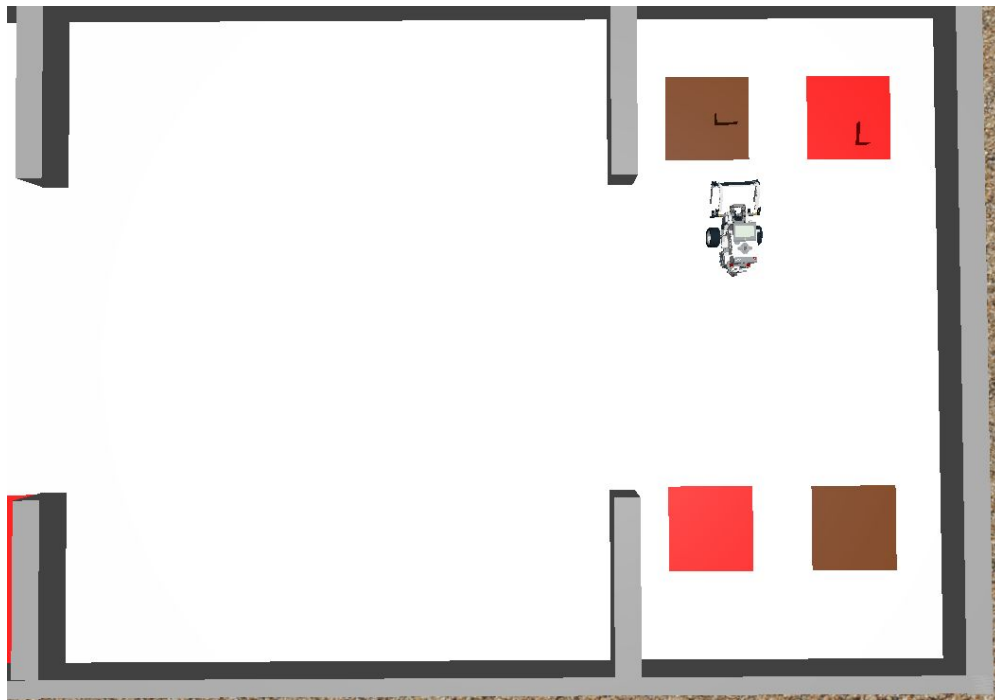
The robot will start in this green area.



On the other side of the area, you will have some colored boxes and red / chocolate areas. The robot must move each box to the other side (in its corresponding color).

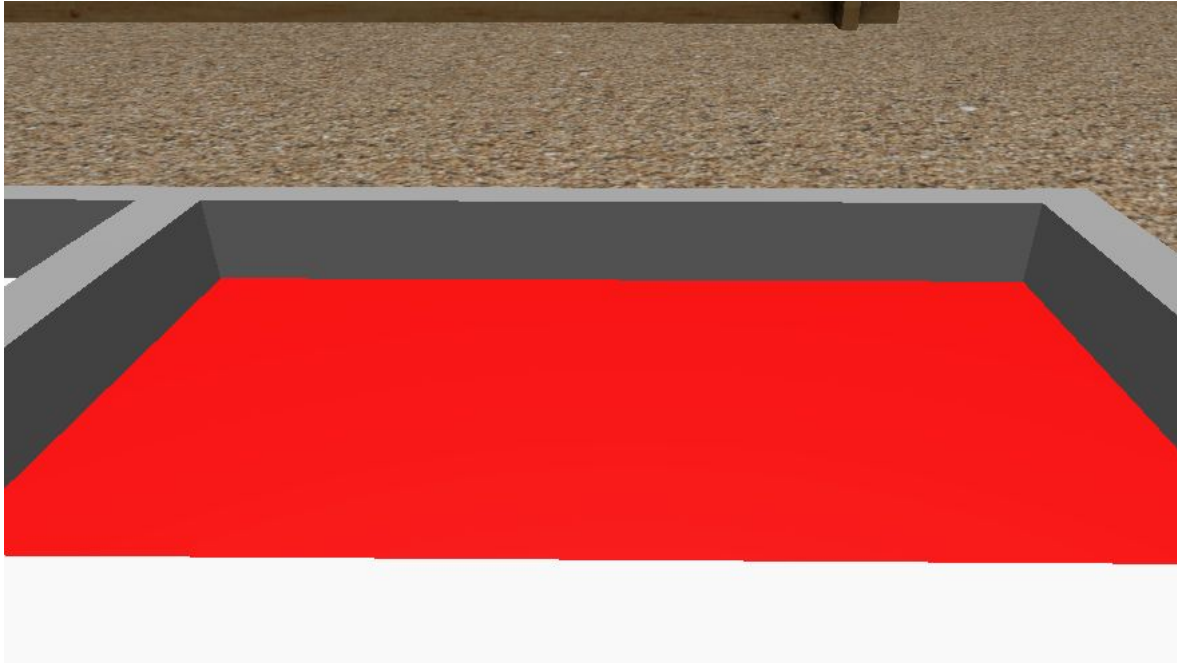


When the red and chocolate box are in their corresponding square, **the orange trail will disappear** to be able to return to the beginning of the mat and finish the challenge.



There's no time limit for this challenge. You can finish the challenge at any time only when the starting area turns red. Only then can you return to the start area.

You need a minimum of 25pts for it to change from **green** to **red**.



Score

MAT SECTION	SCORE PER BOX	POSSIBLE SCORE
Blue / Yellow Zone Push the box to its corresponding color.	25pts each	50pts
Chocolate / Red Zone Move the box to its corresponding color.	25pts each	50pts
Total		100pts