



Robo Golf

로봇 골프

지침서

GUIDE BOOK

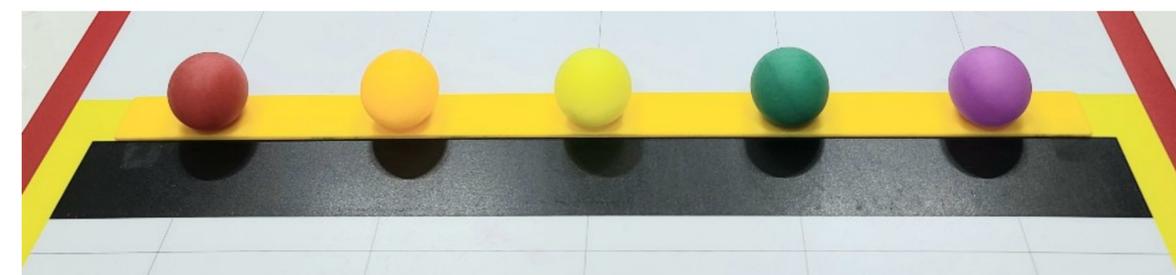
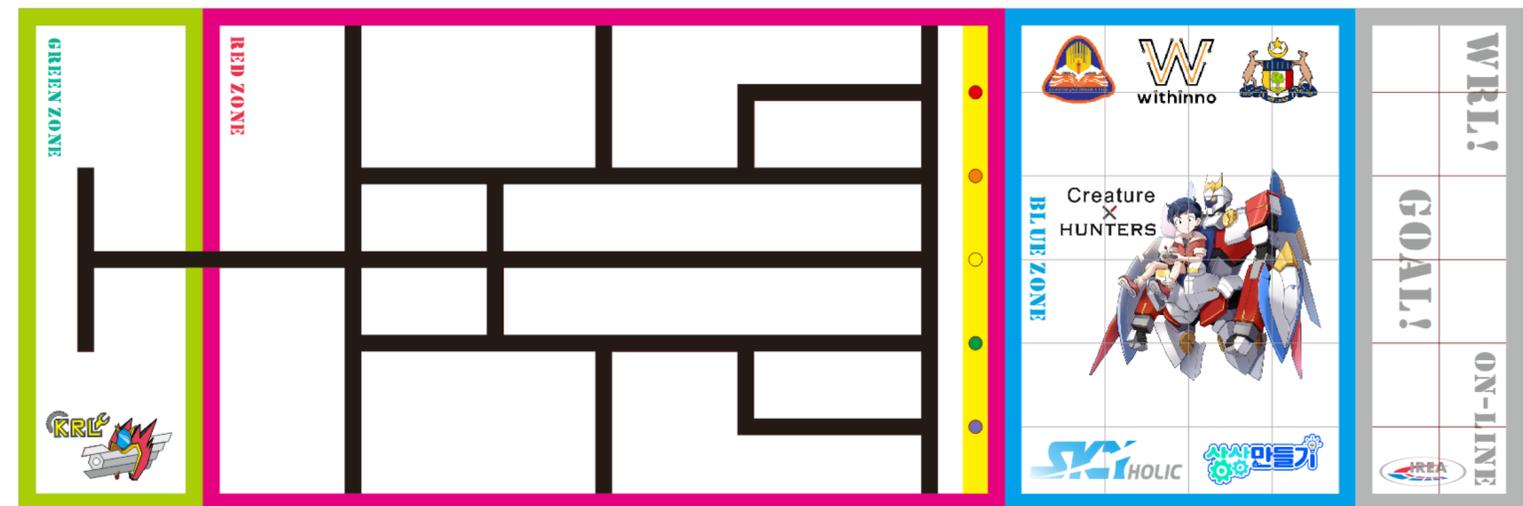
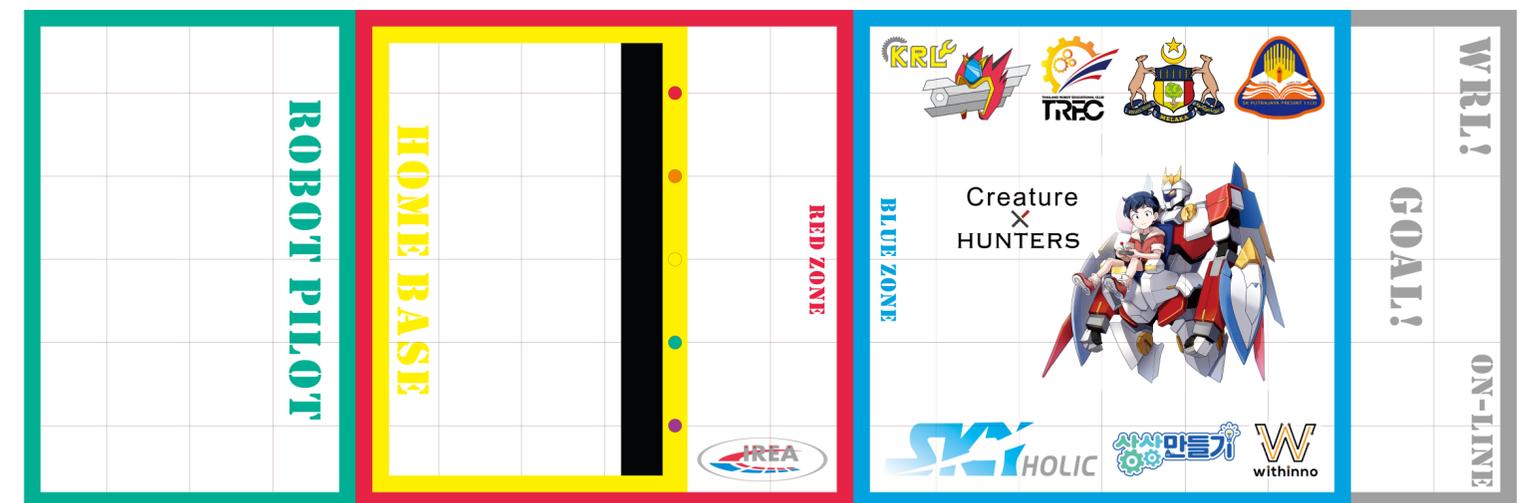
Classification of Robots and Classification of Participants

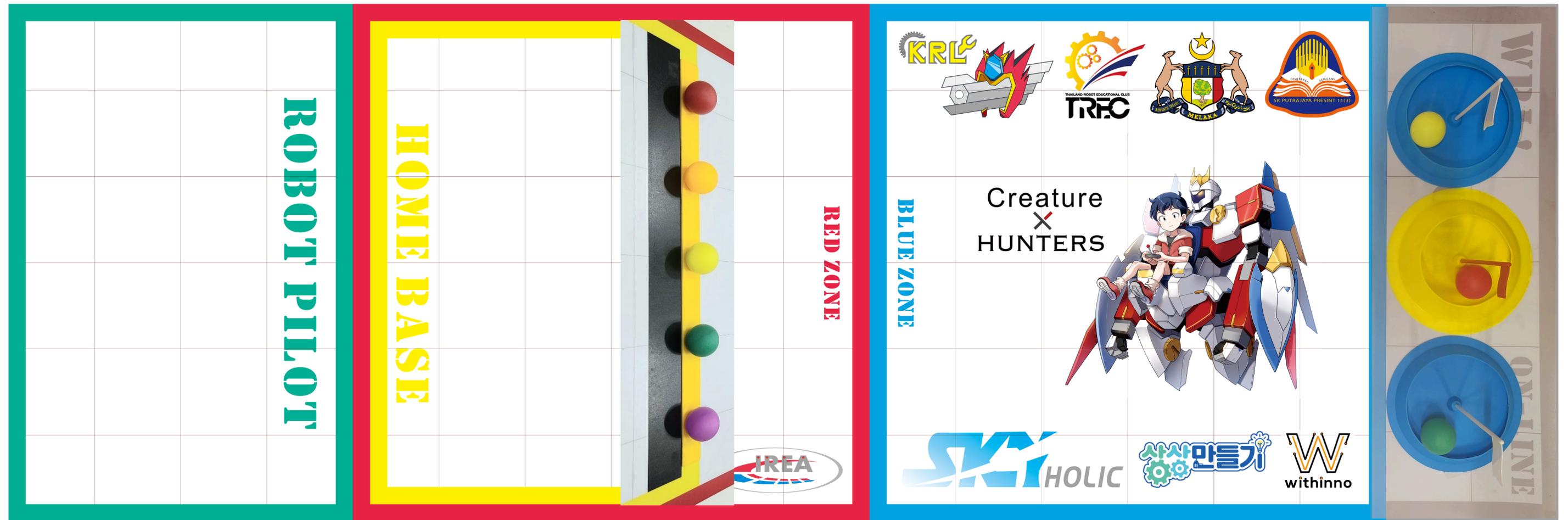
- Please check the general rules for classification of robots and participants.
- There are additional items among the classification of robots.
- An additional item is line trace golf.
- Age and grade may differ from country to country, so please contact the IREA.
- For the line tracer robot, one controller and the following motors can be used.
- 1Set Front Sensor, 2EA D.C Motor, 0~2EA Servo Motor
- For all other questions, please contact IREA.
- robot-league@naver.com

Golf Field

The Game Field make the sponsor to be visible to the camera.

General Game Field, Line Trace Game Field, and Golf Supplies - We will send you according to the application for participation.



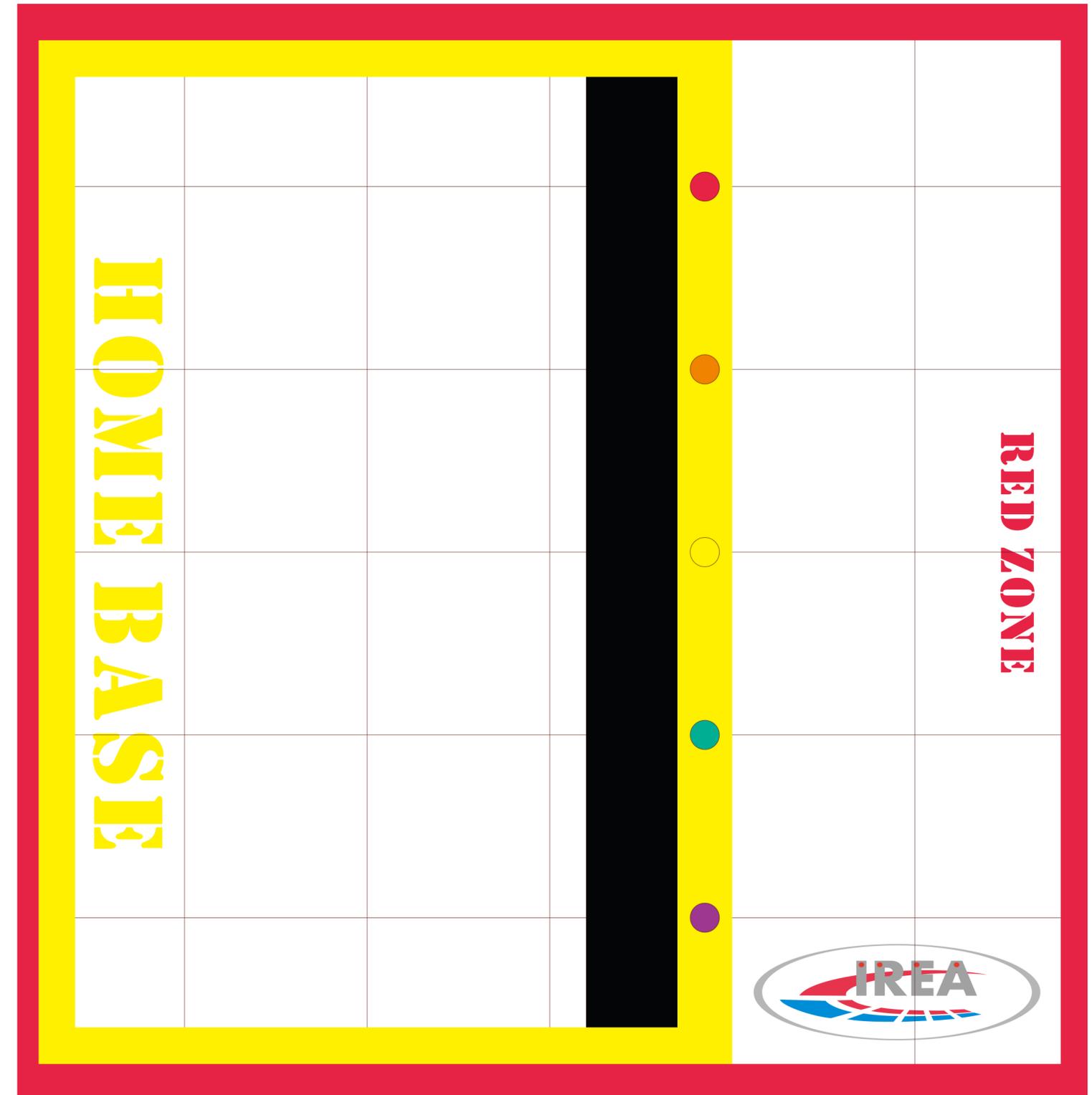


- In the gray area of the field, you need to install the golf hole cup that will receive the ball in the order of blue-yellow-blue.
- The ball is placed on a yellow ball-stand and placed on it.
- Balls must be positioned by color.

How to Play

- All competitors start the race according to the judge's "Ready-Start" signal.
- The judges or the host do not intervene in the deduction of points during the match.
- Competitors must operate the stopwatch by themselves.
- A rematch may be requested again by the organizer or the judges.
- Minor mistakes are acceptable. The match may be restarted.
- There may be a short interview before the start of the match.
- Region - Field - Interview - Match

- All robots can play after turning 360 degrees in the yellow home base area.
- All robots must make a 360 degree turn before hitting the ball.
- However, only the first 360 turn is required for the AI LEGO Mindstorms and Children events.
- All parts of the robot must not deviate from the red zone.
- In the case of AI events, it is okay to use black tape to make it easier to use the yellow home base.



The match will run for a maximum of 2 minutes.

- The robot uses 5 balls to put one ball into each golf hole cup.
- One ball is counted in one hole cup, and even if two are in, one ball is counted.
- In the case of AI, the user cannot intervene after the robot moves for the first time. + Humanoid Basic
- In the case of a remote control robot, if there is a problem with the connection status, a rematch can be performed.



Hole-in-one

When 3 balls are used to fill 3 hole cups (5P)

Eagle

When using 4 balls to fill 3 hole cups (4P)

Buddy

When all 3 hole cups are filled using 5 balls (3P)

Par

When using 5 balls to fill 2 hole cups (2P)

Bogey

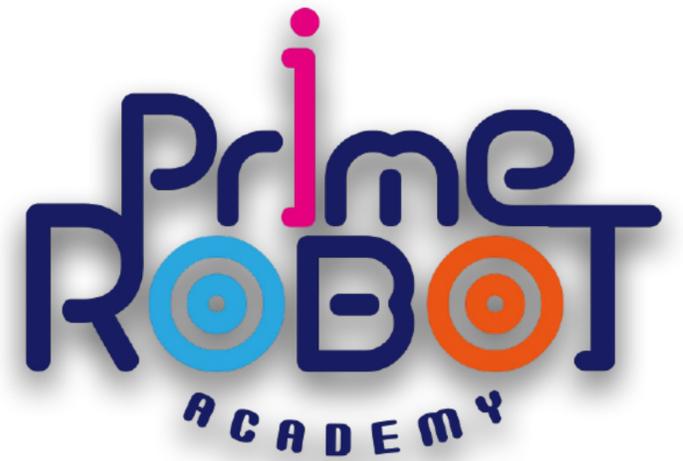
When 5 balls are used to fill 1 hole cup (1P)

How to get results

- The best match of the two chances will be the official score.
- If the score is the same, the player with the fastest time wins.
- Other choices are made by the association's judge.
- Rather than the result of the match, we aim for a festival that everyone can enjoy.

**[https://www.youtube.com/watch?
v=v5bN25N5ZB0&t=1470s](https://www.youtube.com/watch?v=v5bN25N5ZB0&t=1470s)**

Check out the game video.





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