

Open Category rules 2008

Theme: “Saving Global Environment”

Rules

- 1 A team may only participate in Regular category or Open Category!
- 2 The competition **will take place within three age groups: Elementary, JH and HS**
- 3 Teams participating in the Open Category will work to create a robot within the theme “Saving Global Environment”.
- 4 There is no restriction on the balance between LEGO elements and other materials. However all robots must be operated by RCX or NXT controller and any software.
- 5 Robots may be preassembled and software program may be premade!
- 6 The robot(s) including additional decorations may not exceed the floor size of 2970 mm x 1860 mm (no tables are supplied)
- 7 Open Category teams must go through this process: test and make final assembly (if needed) of the robot at designated location and decorate the booth with poster; demonstration to the judges; and Q&A from the judges.
- 8 Teams must submit a report summarizing what the robot can do, and in which way the robot is unique. The description must be visualized by pictures/photos from different angle of the robot creation and example of the program. The report must be handed out to the judges in paper form,
- 9 Teams must decorate the booth with one or more posters with the dimension of minimum 120 cm x 90 cm. The poster(s) should introduce the robot project to the visitors.
- 10 Team must submit (online, via uploading) a 2 min. video to the WRO website before 15. October 2008.

Presentation

There will be three judges for each age group.

Teams will have around 10 minutes with the judges: 5 minutes to explain and demonstrate the robot, and remaining 2 – 5 minutes for Q&A from the judges.

Judging Criteria are as follows:

Most Creative Design by appearance, uniqueness and interactive behaviour

Best Technical Design by good engineering and stability

Best Presentation by successful demonstration, good explanation by speak, poster and video as well as high team spirit.

Minus points: Penalty points are given if rules are not fulfilled: (Controller, poster, report and video)

NB: If robot performance is clearly not within the theme 0 points is given!