

Robots' Intellect 2020

Lego Robot Construction

1. Description

During this competition, the participants are given a certain task and they must construct a robot from the given Lego NXT parts that could complete said task (no programming will be required). The robot that would be the most effective in completing the task in the judges' opinions wins. (For children up to the age of 14)

2. The team

The teams can consist of 1 - 3 people.

3. Course of the competition

1. Each team receives their own workplace.
2. All the Lego parts will be placed in their designated area, each team may take what they need from there.
3. The competition takes 3 hours.
4. At the end of the competition, each team will present their creation to the judges and explain how the robot would work if it was programmed.

4. It is forbidden to

1. Steal parts from other teams' workplaces.
2. Disturb other participants.

5. Evaluation criteria

1. Robots' ability to perform the task.
2. Innovation
3. Creativity
4. Presentation

Evaluation scale from 1 to 10.

6. The winner

The team of the robot, which receives the highest score is declared the winner. During evaluation, two robots may not receive equal scores.