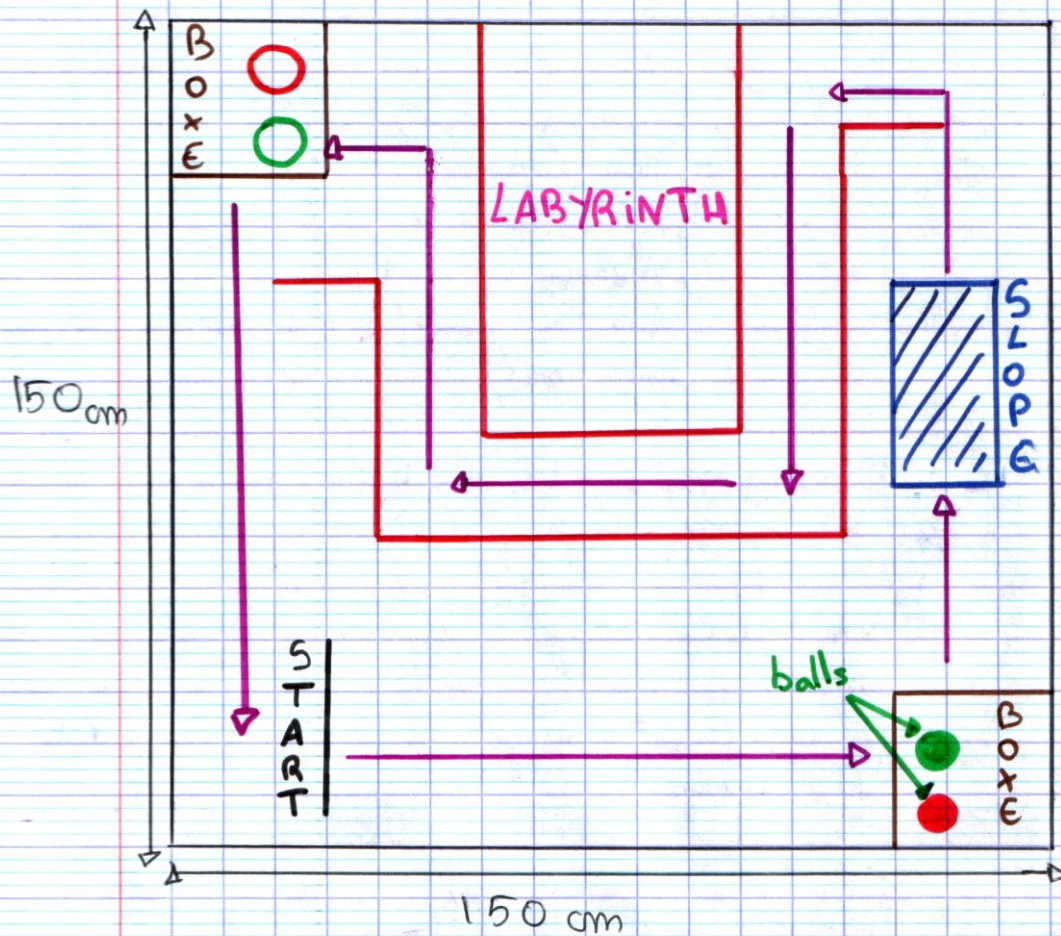


Here, you can find the challenge suggested by my pupils.

So as you know we're working on LEGO Mindstorm (NXT 2.0) and we want to do a kind of challenge between you and us. So we found a good idea for our challenge. Let's show you!



Robotics challenge

So, the robot will have to go to the first box, take the right ball (red or green), climb a little slope, then he'll arrive in front of a labyrinth, where he will have to go to the exit without touching walls (if he touches walls, the team will add extra time). To finish, the robot will have to put the ball (red or green, that depends) into the other box, after he'll come back to the start line and do it again with the other ball.

The winner is the robot which performed the best time (with the extra time)

Materials:

- Labyrinth → 4 walls in card box (to move in case of contact)
- Two boxes
- Two balls, one red, and one green.
- A slope in card box.
- And the robot (we'll send you a photo of our robot).

Dimensions: 150 cm^2 on 150 cm^2 , and the race will be on the floor.

We don't know exactly how many time does the robot need to finish. So if with you're agree with this challenge, we'll test it and tell you the time.

Enjoy our challenge!