Proposal for Rodrigo’s Culminating Task

By Snehan

Christy Clark was murdered five days prior to the BC provincial election. The five suspects are present in the Vancouver Police Department on Cambie street, and the chief detective – detective Noriega – is investigating. Detective Noriega asks the question : “what do you believe should be the punishment for whoever committed this crime.” All of a sudden, his new state-of-the-art guilt-detector moves forward towards one of the suspects, It pushes them out of their seat, and throws them into jail.

There are several small boxes (suspects) sitting in a row on a table. All of them are coloured white, except for one, which is coloured red (guilty of the crime). The task for the robot is to push the black box (not the white box) into a bag (jail) hanging off the edge of the table. A light sensor, an ultrasonic sensor, and possibly, a touch sensor would be used (the touch sensor could be in contact with the block being pushed. It would detect when the block is pushed over the table, signaling the robot to go back so that it doesn’t fall of the table).

Props:

* Black and white coloured blocks – these can be made with paper using origami.
* Table
* Bag
* (Possibly) tape

ROBOT