

ELEMENTARY

Eligibility: 4th to 6th grade

Game rules:

- ➤ NXT or EV3 controller
- ➤ Only lego parts should used
- ➤ Robot size 25cm length x 25cm
breadth x 25cm height
- ➤ Field setup 6'ft x 6'ft
- ➤ Robot Run time 2 minutes 30
seconds

- ➤ Referee's call is the final decision
- ➤ Robot has to start from the start base only

Challenges in building the robot:

- ➤ Maximum of three motors
- ➤ Maximum of two light/colour sensors
- ➤ Other sensors no restrictions
- ➤ While inside the base robot should be of 25cm x 25cm x 25cm and can expand during the run time

Penalty points:

- ➤ Minus 10 points will be given, if the participants touch the robot during run time.
- ➤ Minus 20 points, if the robot damages the field mat during the run.

Points table:

PICKING COMPOST :	10
REACHING FARMHOUSE :	20



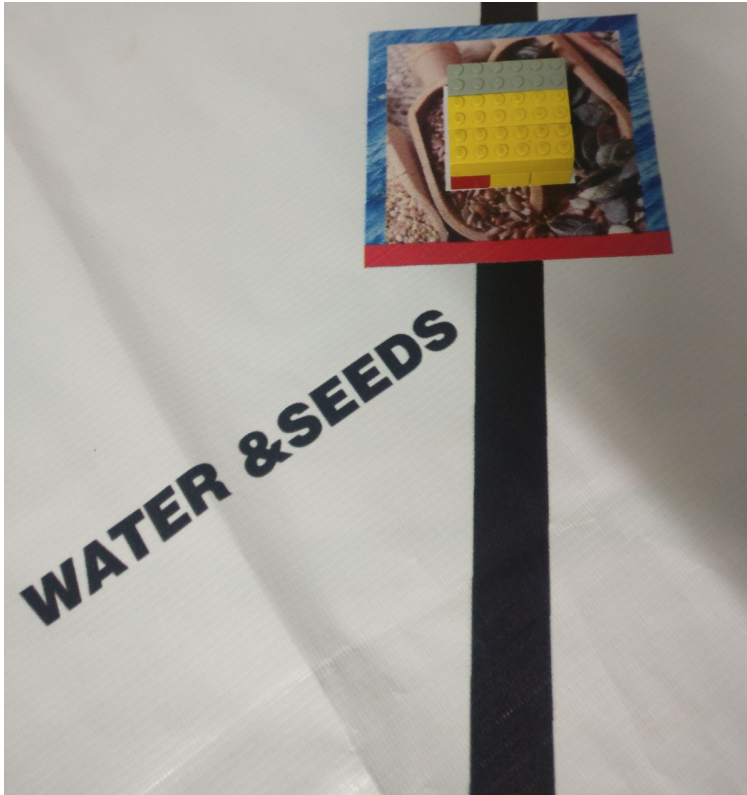
PICKING SOIL: 10

REACHING FARMHOUSE : 20



TAKING WATER & SEEDS: 10

REACHING FARMHOUSE : 20



SAG PLACING INSIDE THE SQUARE: 10

TOTAL 100

