

### ROBOTPAL CHALLENGE





# international academy of education robotics

## 1/introduction:

WELCOME TO THIS ROBOTICS COMPETITION
INSPIRED BY THE LAND OF PALESTINE. OVER THE
NEXT FOUR MINUTES ROBOTS WILL PERFORM
SYMBOLIC CHALLENGES THAT REPRESENT THE
HISTORY, CULURE, AND RESILENCE OF THE
PALESTINIAN PEOPLE. THE GAME MAT IS A LIVING
MAP; EACH REGION REPRESENTS A UNIQUE MISSION
. FROM JERUSALEM TO GAZA, FROM HERBON TO
NABLUS, ROBOTS MUST COMPLETE TASKS SUCH AS
REBUILDING HOMES, DESTRUCTION OR
CONNECTING ISOLATED CITIES. GET READY THIS IS
NOT JUST A COMPETITION, BUT A MESSAGE OF
HOPE, innovation and solidarity with palestine. good
luck to all

## 2/competition rules:

- \* PARTICIPANTS MUST BE BETWEEN 7 AND 18 YEARS OLD
- \* TEAMS CONSIST OF 4 MEMBERS
- \* THE COACH MUST BE AT LEAST 20 YEARS OLD
- **VIOLENCE OR DISPUTES MAY RESULT IN EXPULSION**FROM THE COMPETITION
- \* IF THE TEAM DOES NOT ARRIVE WITHIN 3 MIN OF THE COMPETITION SRTART TIME THEY WILL BE DISQUALIFIED
- \* 3 MIN ARE ALLOCATED FOR TALKING WITH THE COACH AND CHEKING THE ROBOT BEFOR THE COMPETITION START
- \* A ROBOT THAT MOVES BEFORE THE JUDGE S
  SIGNAL WILL BE ELIMINATED
- \* IF A ROBOT MALFUNCIONS AND FAILS TO MOVE AFTER 20 SECONDES, IT WILL BE REMOVED FROM THE COMPETITION

# 3/HOMOLOGATION: robot check

#### 1/DIMENSIONS AND WEIGHT

they must not exceed:

lenth: 25 CM

width: 25 CM

height: 25 CM

weight: 3 KG

#### 2/ DESIGN CONSTRAINTS:

the remot must be remote controlled

the robot must be 100 / BUILT BY THE PARTICIPATING TEAM

iron is not ollowed

#### 3/HOMOLOGATION RULES:

the registration and approval of the robot are done only by the team leader

- each team is allowed to certify only one robot
- testing time 8:00 AM TO 9:00 AM

### 4/SCORING S STEM:



#### POINTS MISSIONS **DESTROY THE ENEMIES EACH PIECE TAKEN FROM DESTROY THE ENEMIES MUST BE MOVED TO BUILD THE RESISTANCE FOR REBUILDING. EVERY FLOOR SECTION IS WORTH 10 POINTS AND THE TARGET COLOR CHANGES EACH ROUND** BUILD THE RESISTANCE you will find it in al Quds mosque 15 POINTS **FLAG ELOVATION MOVE IT RIGHT** THE FIRST STAGE :THERE ARE 5 **PEOPLE EACH WORTH 5 POINTS FOR A TOTAL OF 25 POINTS** (transporting palesetinians to the hospital) the second stage: involves transporting 5 ISRAELIS TO PRISON, EACH WORTH 25 POINTS CREATE FOR PALESTINE CREATE SOMETHING THAT SYMBOLIZES PALESTINE AND DELEVER IT TO **DESIGNATED PLACE 25 POINITS** you will put it in al Quds mosque

TOTAL POINTS:120



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