

ROBOMISSION ELEMENTARY AGE GROUP – EXTRA RULES

Today, you will cook a delicious lunch for all the guests at the Hungarian finals of the World Robot Olympiad using the delicacies produced by our sustainable agriculture!

It's up to you to get the lunch ready! :D

The robot starts from the composting area.

1 Collect the red vegetables

Start: From the bottom right two areas and from within the greenhouses (all greenhouses are open).

Goal: Red vegetables must be completely in the market area.

Scoring: 12 points per piece.

2 Collect the yellow vegetables

Start: From the two bottom right area and from the top right area.

Goal: Yellow vegetables must completely be in the market area.

Scoring: 6 points per piece.

3 Egg in the market

Start: The egg (one of the first day yellow bio-feed) starts from the pink chicken area.

Goal: The egg must be intact and located completely in the market area.

Scoring: 10 points.

4 Transplant green seedlings into the greenhouses

Start: The green vegetables start from the three bottom-right green positions.

Goal: The green vegetable must completely be in the greenhouse graphic area.

Scoring: 6 points per piece.

5 Water drops in the Earth Allies area

Start: Two drops start from the water tower, one drop from the gray zone in front of Earth Allies.

Goal: The water drop must completely be in the Earth Allies area.

Scoring: 10 points per drop.

6 Earth cube in the water area

Start: The earth cubes start from the bottom-left three green positions.

Goal: The earth cube must completely be in the water area.

Scoring: 3 points per cube.

7 The robot did not move or damage the chicken

Start: The chicken is at the green gate of the market, facing towards the lower part of the field.

Goal: The chicken is still touching the dark green area and is intact.

Scoring: 15 points.

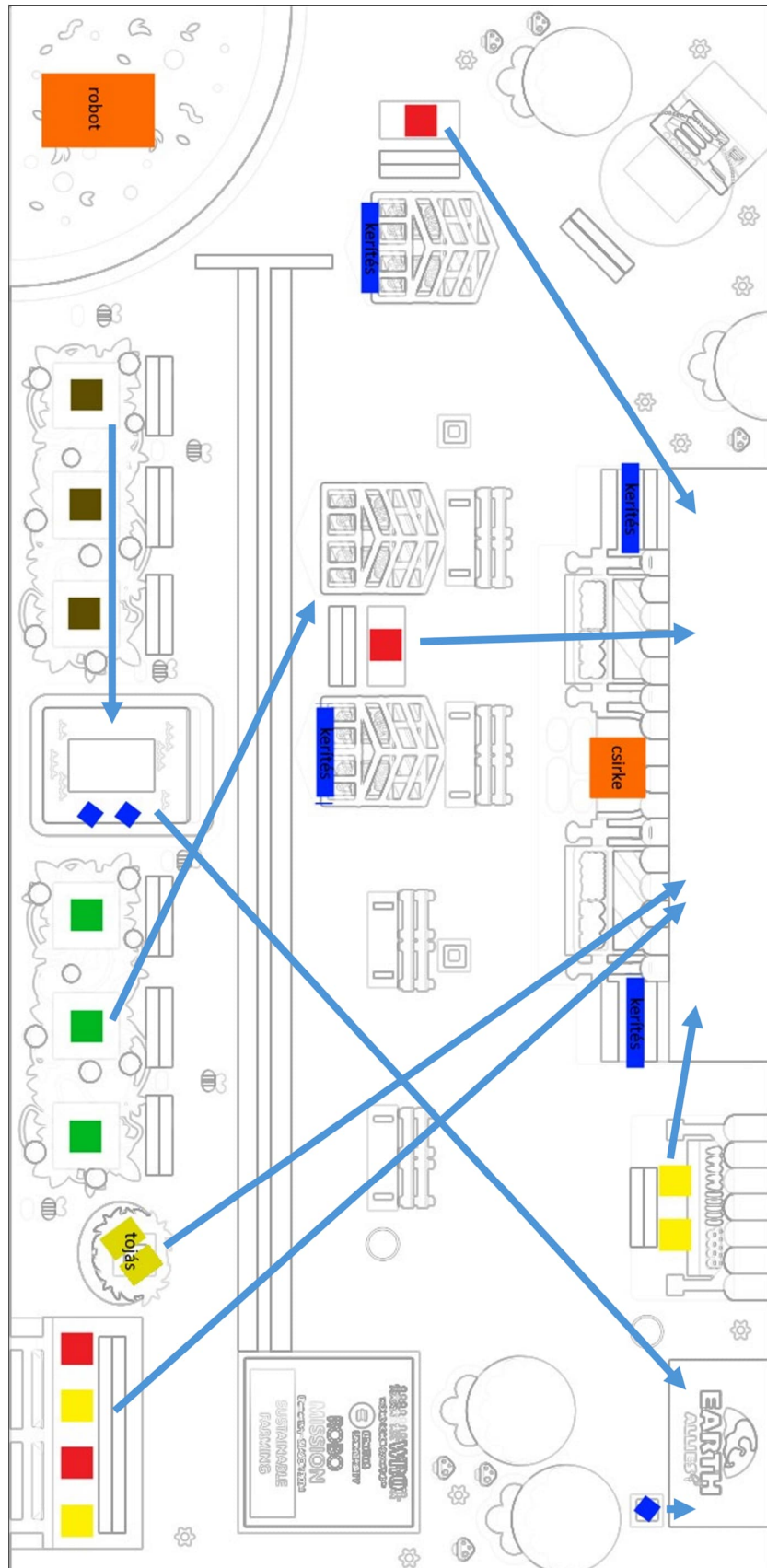
8 The robot did not move or damage the fence

Start: The fences are located on the left and right black lines of the market, at the entrances of the left and right greenhouses.

Goal: The fences are intact and touch the initial black line / greenhouse graphics respectively.

Scoring: 2 points per fence.

Game and mat layout



Scoring sheet

Team name: _____

Round: _____

Tasks	Each	Max.	#	Total
Collect the red vegetables				
Red vegetable is completely in the market area	12	48		
Yellow vegetable is completely in the market area	6	24		
The egg is intact and located completely in the market area		10		
Transplant green seedlings into the greenhouses				
The green vegetable is completely in the greenhouse graphic area.	6	18		
Fill up the kitchen water tank				
Water drop in the Earth Allies area	10	30		
Clean up the courtyard				
The earth cube is completely in the water area	3	9		
Bonus points for the fences and the chicken				
The chicken is still touching the dark green area and is intact		15		
The fences are intact and touching the initial black line and greenhouse graphics.	2	8		
Maximum score		162		
Total Score in this run				
Time in full seconds				