

### SENIOR EXTRA CHALLENGE - RULES

Another natural disaster...The city must be rebuilt! The city management made the decision to equip the new quarter with leisure centers for recreational purposes, where you can find serious treasures among the old ruins. Help restore the area.

The robot must start from the northern Start area. The south start area will be the parking/finish area.  
Starting points of the elements:



### TASKS:

The new symbol of the

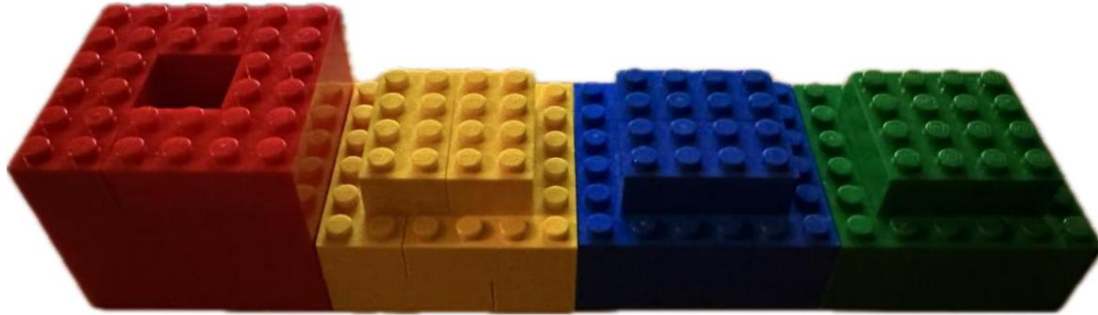
city The district of the city will have a new symbol, which is a tower, a mini-tower. Because everyone needs a mini tower. The starting area of the tower is the starting area of the robot. The team can freely place it within the starting area, but it must be on the track when the robot starts. It can also be placed on the robot.

Target:

The robot must transport the tower to the black and white area in the western part of the track (next to the former aqueduct) so that the element partially touches the target area. The tower cannot topple over.

### Construction of a leisure center

The city is building new leisure centers in which different units are planned:



- Suites (red element)
- Restaurant unit (yellow element)
- SPA unit (blue element)
- VR and Robotics unit (green element)

When building buildings, you must follow the following aspects:

- Each building must contain at least 2 different units (colors) (otherwise no points are awarded)
- The lowest unit (first level) must at least touch the unit location marker colored area and must be the same as the color of the area.
- Each leisure center can only have one suite (red element) unit
- Spa (blue) and Gym (green) units are worth 5 points each
- Restaurant (yellow) unit is worth 2 points
- Suite (red) unit multiplies by 2 the points of the unit into which it is placed was installed.
- The building units only count if they are built on top of each other and only a lowest element touches the track.

Target:

Construction of the most valuable leisure centers on the construction areas in the middle of the track.

### Removal of debris After

another disaster, more debris must be removed. The debris can be found in the area of the former eastern aqueduct and on the bridge, and a lot of debris was pushed under the bridge, so both pillars are located higher.



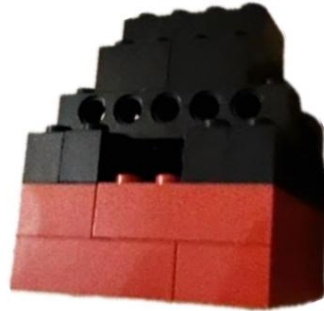


Target:

The robot must transport the debris to the starting area, so that the entire extent of the debris is located in the starting area.

### Ruins of an ancient temple

Thanks to the earthquake, an ancient temple appeared on the surface. Use the robot to pick it up and transport it.



Target:

The ancient temple is partially located in Earth Allies territory.

### The ancient artifact

Researchers have discovered an ancient treasure among the ruins of the church, which must be transported to the museum staff. This item is inside the church item.



Destination: The artefact is partially located in the destination/parking area.

### Extra point The

robot did not move or damage the obstacle. There is an obstacle on the south side of the bridge.

Parking: The robot is partially located in the parking/target area.



## SENIOR EXTRA CHALLENGE

### Scoreboard

Task	Point Value	Max #	Score	
<b>A new symbol of the city</b>				
The tower is partially located in the black and white area.	10	10	1	
<b>Construction of a leisure center</b> <ul style="list-style-type: none"> <li>- Each building must contain at least 2 different units (colors).</li> <li>- The lowest unit (first level) must at least be in contact with the colored area marking the location of the unit and the area must be the same color.</li> <li>- Each leisure center can only have one suite (red element) unit</li> <li>- SPA (blue) and VR and Robotics (green) units are worth 5 points each</li> <li>- Restaurant (yellow) unit is worth 2 points</li> <li>- Suite (red) unit multiplies the points of the given unit in which it is installed by 2.</li> </ul>				
Red leisure center				
Yellow leisure center				
Blue leisure center				
Green leisure center				
<b>ALTOGETHER</b>		96		
<b>Removal of debris</b>				
Debris is no longer in contact with the starting area (item)	2	4	2	
Debris can be found in its entirety in the starting area.	5	10	2	
<b>Ruins of an ancient temple</b>				
The ruins of the ancient temple are partially located in Earth Allies		10	1	
<b>The ancient artifact</b>				
The ancient artifact is located in the target area and touches the area.		14	1	
<b>Extra point</b>				
The robot did not move or damage the obstacle	10	10	1	
Parking (robot is partially located in the target area)		10		
<b>Maximum score</b>		160		
<b>Final score of the round</b>				
<b>Lap time in whole seconds</b>				