



# CITY SHAPER<sup>SM</sup>

## Challenge Updates

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Week of 28 July 2019

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### Innovation Project Updates

#### IP02 – MISSION 11 AND THE (MOSTLY) WHITE BRICKS

In your CITY SHAPER<sup>SM</sup> challenge set, you will find LEGO elements in the bags labelled “10” to make a team-designed model for robot game Mission 11. **The model can be of any design if it meets the requirements of Mission 11.** This model is supposed to represent your team’s Innovation Project in some way, but you will not be *required* to explain your model’s design or discuss your Project during your robot game matches. (You may *want* to share this information with others – and that’s fine – but it’s not required.) Please see the robot game missions, rules and updates for more information about Mission 11.

#### IP01 – YOUR COMMUNITY

The Innovation Project problem statement instructs teams to:

- Identify a problem with a building or public space in your community.
- Design a solution.
- Share your solution with others and then refine it.

For this year’s project, your team is free to define “your community” in the way that works best for you. This means your team could look at a problem in your local town or city, your country, or even in another part of the world.

### Robot Game Updates

#### RG04 – MISSION 11 STRUCTURE SIZE

Some measure of your Mission 11 Structure needs to be at least as long as a four-stud LEGO element.

### RG03 – ELEVATOR SETUP

The correct setup position for the Elevator is with the Blue Car UP, as shown here:



### RG02 – DRONE SHAPE AND SETUP

The correct way to build and place the Drone is with the Loop parallel over its marks. Your Drone may need a simple rebuild as shown here:



CORRECT MODEL  
SHAPE AND SETUP



TURN THIS PART  
90 DEGREES AS NEEDED

### RG01 – MAT PLACEMENT AND SETUP

When placing your Field on an Official Table, slide the Mat gently until it meets up against the South and East Border Walls. When Table size and Mat placement are correct, Home will measure about 45" by 15-1/2" (1143mm by 393mm).

To hold the Mat in place, you may use a thin strip of black tape on the West edge as needed. Where the tape sticks to the Mat, it may cover the Mat's black border only.

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