

M01 Elevated Places

Mission Name and Rules:

Mission 1 Elevated places (Score all that apply)

- If the Robot is Supported by the Bridge: **20**
- If one or more Flags are clearly raised any distance, only by the Robot: **15 Each Flag**

You can only get Flag points if you get Bridge points.

Rule 31 allowance: It is okay and expected for Robots to collide while trying to earn Flag points.

When clearly only one Robot is holding a Flag raised, only that Robot scores for that Flag.



Any updates?

Who is working on this mission?

Ideas for solving the mission:

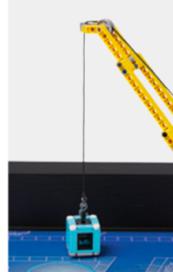
M02 Crane

Mission Name and Rules:

Mission 2 Crane (score all that apply)

If the Hooked Blue Unit is

- Clearly lowered any distance from the Guide Hole: **20**
- Independent and Supported by another Blue Unit: **15**
and Level 1 is Completely in the Blue Circle: **15**



Any updates?

Who is working on this mission?

Ideas for solving the mission:

M03 Inspection Drone

Mission Name and Rules:

Mission 3 Inspection drone

- If the Inspection Drone is Supported by axle (A) on the Bridge: **10**



Any updates?

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:

Who is working on this mission?

Ideas for solving the mission:

M04 Design for Wildlife

Mission Name and Rules:

Mission 4 Design for wildlife

→ If the Bat is Supported by branch (B) on the Tree: **10**



Any updates?

Who is working on this mission?

Ideas for solving the mission:

M05 Tree House

Mission Name and Rules:

Mission 5 Treehouse (Score all that apply)

If a Unit is Independent and Supported by the Tree's

→ Large Branches: **10 Each Unit**

→ Small Branches: **15 Each Unit**



Any updates?

Who is working on this mission?

Ideas for solving the mission:

M06 Traffic Jam

Mission Name and Rules:

Mission 6 Traffic jam

- If the Traffic Jam is lifted, its moving part is Independent, and it is Supported by its own hinges as shown: **10**



Any updates?

Who is working on this mission?

Ideas for solving the mission:

M07 Swing

Mission Name and Rules:

Mission 7 Swing

→ If the Swing is released: **20**



Any updates?

Who is working on this mission?

Ideas for solving the mission:

M08 Elevator

Mission Name and Rules:

Mission 8 Elevator (Score one or the other)

If the Elevator's moving parts are Independent, and Supported only by its hinges as shown, in the following position

→ Blue Car Down: **15**

→ Balanced: **20**



Any updates?

RG03 – ELEVATOR SETUP

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

Who is working on this mission?

Ideas for solving the mission:

M09 Safety Factor

Mission Name and Rules:

Mission 9 Safety factor

- If the Test Building is Independent and Supported only by the blue beams, and some beams have been knocked out at least half way:

A close-up view of a blue LEGO Technic beam being lowered by a motorized system. The beam is attached to a blue vertical post, which is part of a larger mechanical assembly. The background shows a grey surface and some greenery.

Any updates?

Who is working on this mission?

Ideas for solving the mission:

M10 Steel Construction

Mission Name and Rules:

Mission 10 Steel construction

→ If the Steel Structure is standing, and is Independent, and Supported only by its hinges as shown: **20**



Any updates?

Who is working on this mission?

Ideas for solving the mission:

M11 Design & Build

Mission Name and Rules:

Mission 11 Innovative architecture (score one or the other)

If there is a team-designed Structure clearly bigger than a Blue Building Unit, built only from your white LEGO bricks

→ Completely In any Circle: **15**

→ Partly in any Circle: **10**

Random Structure shown. Design and build your own Structure before you compete, then bring that to each Match. You don't build it during the Match.

Your mission 11 Structure needs to be built from Bag 10 elements only. It can include the red and gray elements. Not all of the Bag 10 elements need to be used.



Any updates?

RG04 – MISSION 11 STRUCTURE SIZE

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

Who is working on this mission?

Ideas for solving the mission:

M12 Design & Build

Mission Name and Rules:

Mission 12 Design & build (Please take the needed time to understand the scoring examples)

→ LOCATION - If there are any Circles with at least one color-matching Unit Completely In, and Flat Down on the Mat:
10 Each Circle

(Note: The Blue Circle is not Part of Mission 12).

→ HEIGHT - If there are Independent Stacks at least partly in any Circles, add all of their heights together:
5 Each Level

(Note: A Stack is one or more Building Units with Level 1 touching Flat Down on the Mat, and any higher levels touching Flat Down on the level below).



Color match = no
Tan stack = 2 levels
White stack = 1 level
15 points shown



Color match = no
Bridged stack = 4 levels
20 points shown



Color match = red
Red stack = 2 levels
Other stack = 4 levels
40 points shown

Any updates?

Who is working on this mission?

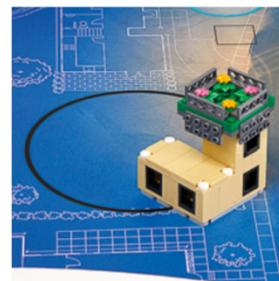
Ideas for solving the mission:

M13 Sustainability Upgrades

Mission Name and Rules:

Mission 13 Sustainability upgrades (only one counts per stack)

→ If an Upgrade (solar panels, roof garden, insulation) is Independent, and Supported only by a Stack which is at least partly in any Circle: **10 Each Upgrade**



Any updates?

Who is working on this mission?

Ideas for solving the mission:

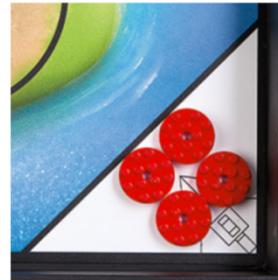
M14 Precision Tokens

Mission Name and Rules:

Mission 14 Precision (only one score counts)

→ If the number of Precision Tokens left on the Field is 6:

60 / 5: 45 / 4: 30 / 3: 20 / 2: 10 / 1: 5



Any updates?

RG07 - MIS-LAUNCH

If you Interrupt the Robot so soon after Launch that it hasn't yet reached a Launch Area perimeter line, you will need to re-Launch, but you will not lose a Precision Token. This is an exception to Rule 27.

Who is working on this mission?

Ideas for solving the mission (not losing Precision Tokens):