



FIRST® LEGO® League Reviewers' Meeting



教練會議

FLL
2019

版本V2



海報尺寸 高91公分以內;寬123公分以內,須包含以下內容

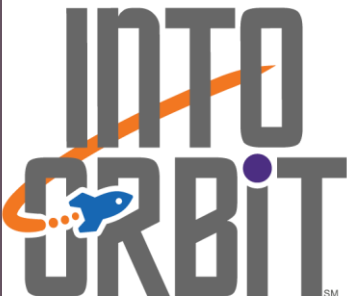
Core Values (核心價值)

No taller than 36 inches (91cm)

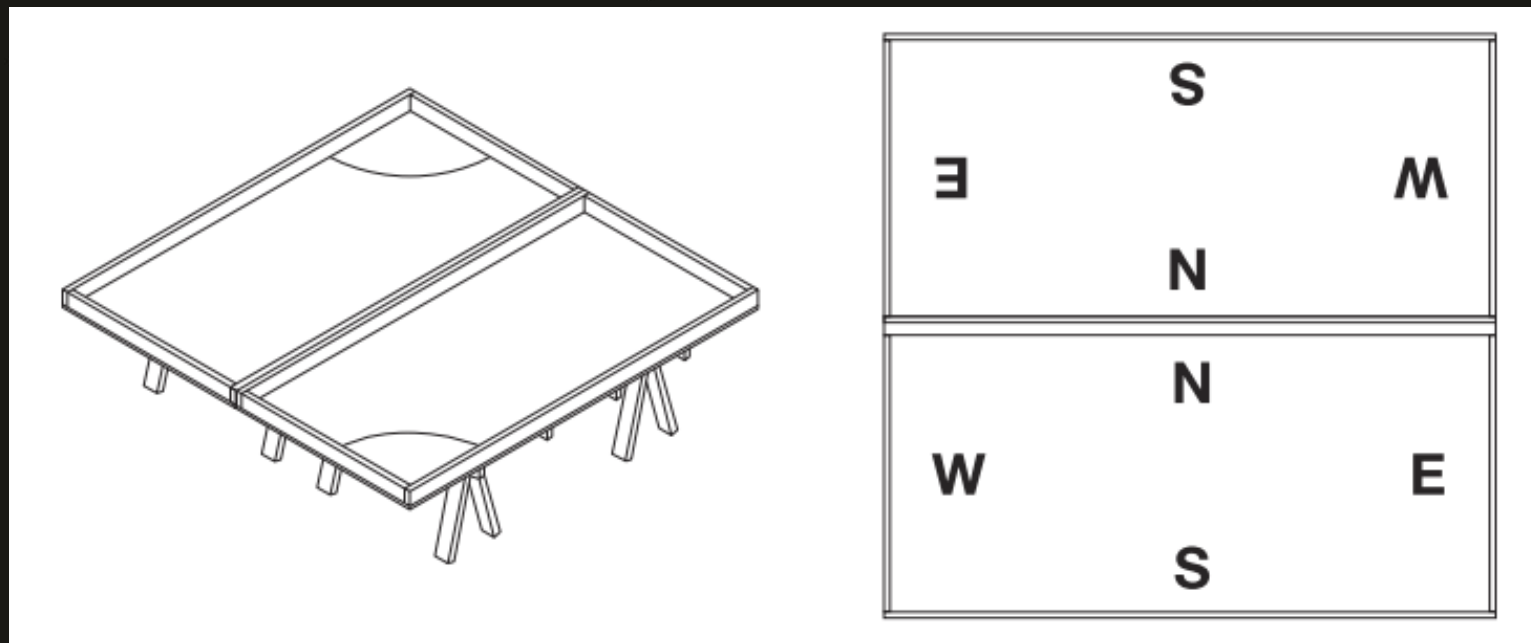
<p>Discovery (探索)</p> <p>讓評審知道團隊發現和得到了些什麼。</p> <p>團隊是如何在FIRST LEGO League (核心價值、研究計畫、機器人表現)三個方面取得平衡</p>	<p>Team Name (隊伍名稱)</p> <p>Other Core Values judging categories (For example: Respect or Team Spirit)</p> <p>其他核心價值評分類別 (例如:尊敬、團隊精神)</p>	<p>Inclusion (包容)</p> <p>敘述你的團隊如何聆聽與考慮彼此的想法，讓每個人都覺得自己在團隊是有價值的</p>
<p>Integration (結合)</p> <p>如何將新點子、技術和能力結合到日常生活中</p>		<p>Coopertition® (合作性競爭)</p> <p>分享你的團隊幫助或接受其他隊伍幫助的經驗</p>

No wider than 48 inches (123cm)

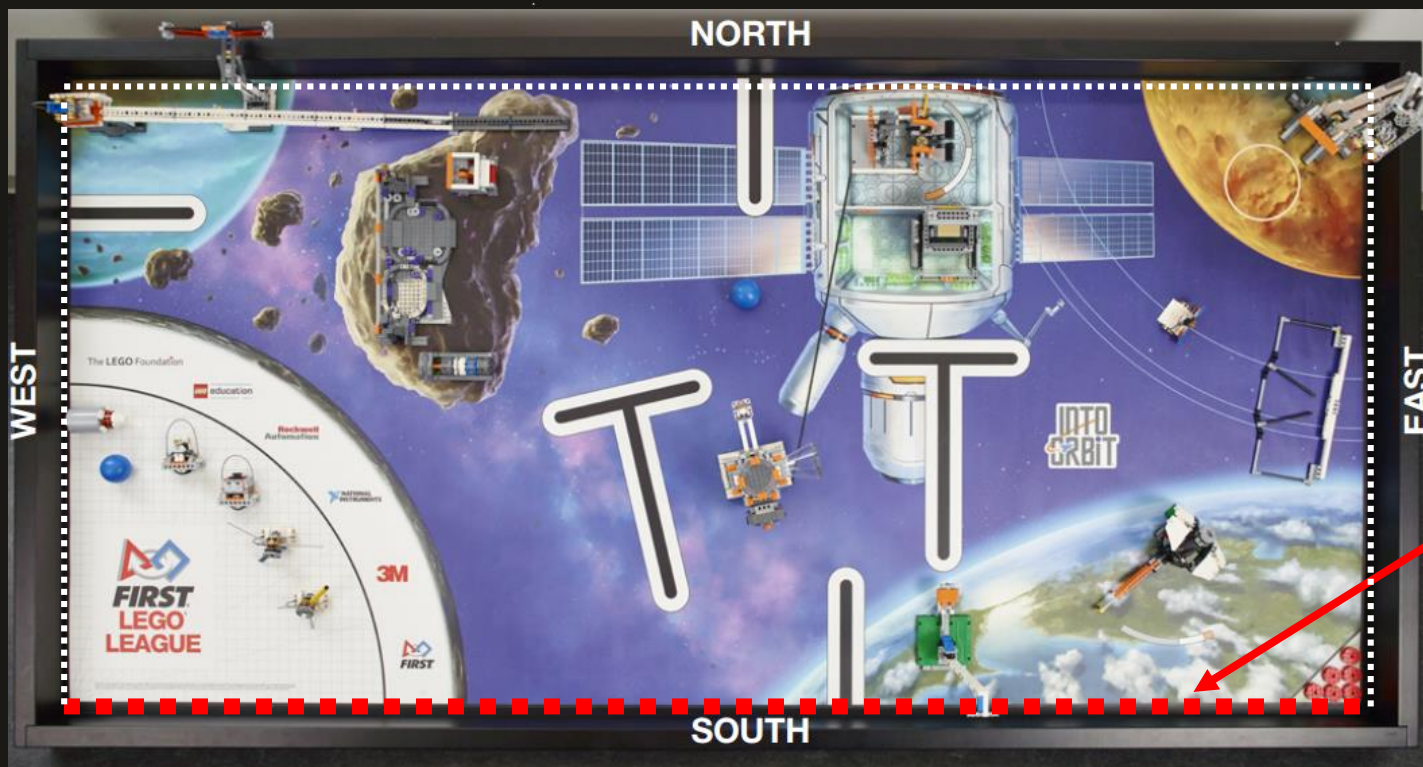
▶ Set up and complete the presentation in **five minutes** or less with no adult help.



- 須包含所有隊員。每位隊員都必須參加簡報這個環節。
- 在5分鐘內完成準備和簡報內容且不能有大人的協助。
- 隊伍也可在簡報時間告訴裁判你的資訊來源、問題分析、現有方案、創新的元素和任何實行的分析計畫。



The Mat is smaller than the playing surface by design. Slide and align it so that there is no gap between the south edge of the Mat and the south Border-Wall, then center the Mat east-west, with equal gaps at left and right.



桌檯2370*1150mm
FLL底圖尺寸是2362*1143

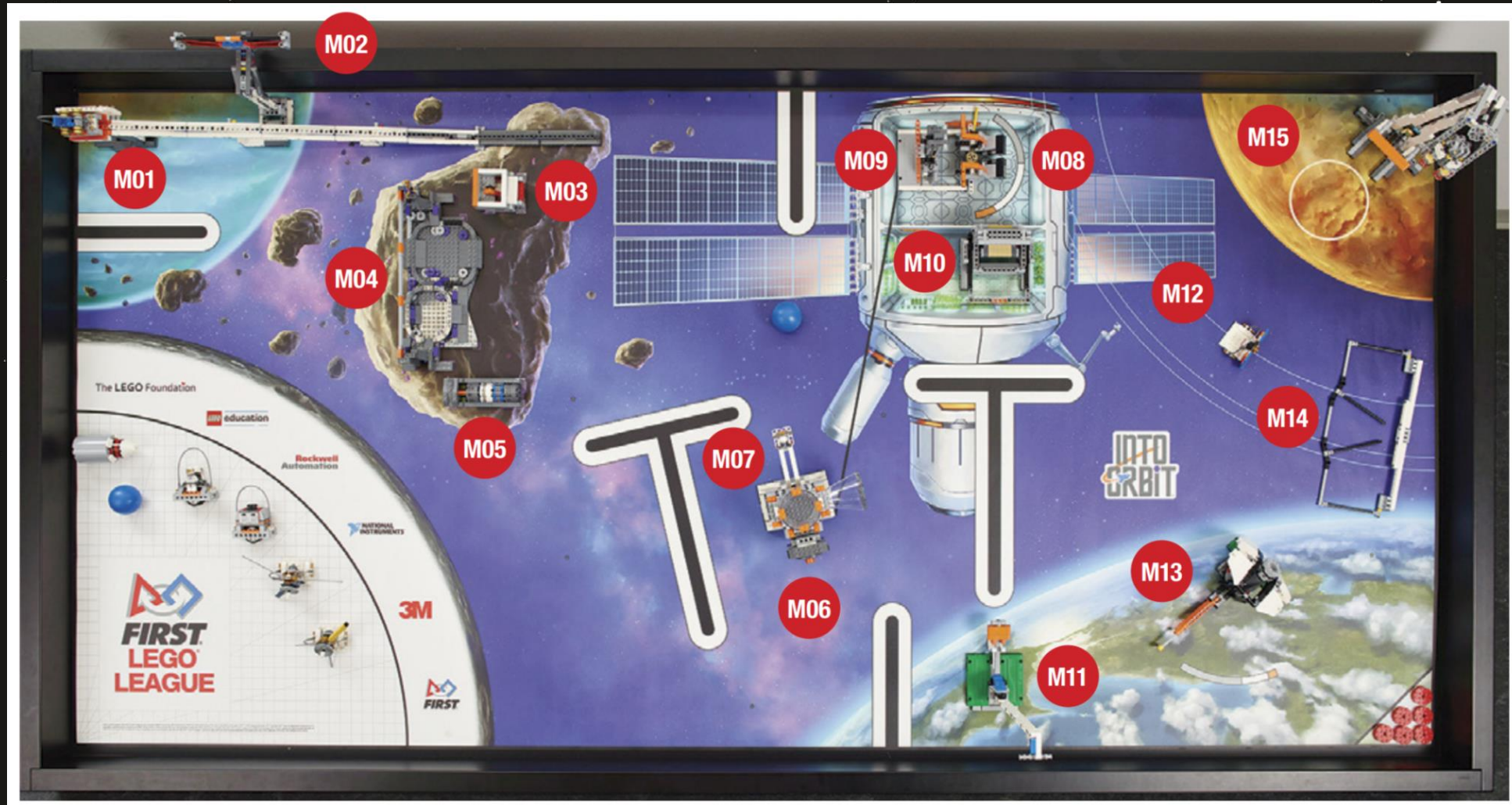
南邊(South) 靠牆至中
東、西、北邊：會有白邊
如下頁範例

範例

東、西、北邊：會有白邊



南邊(Sound) 靠牆至中



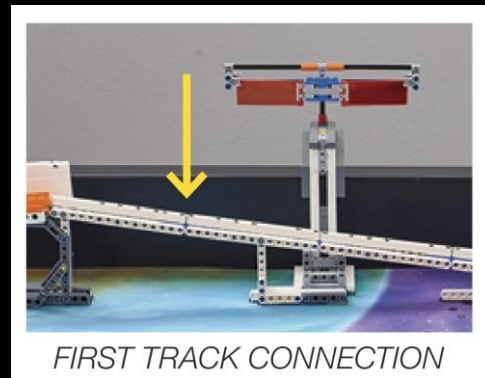
M01

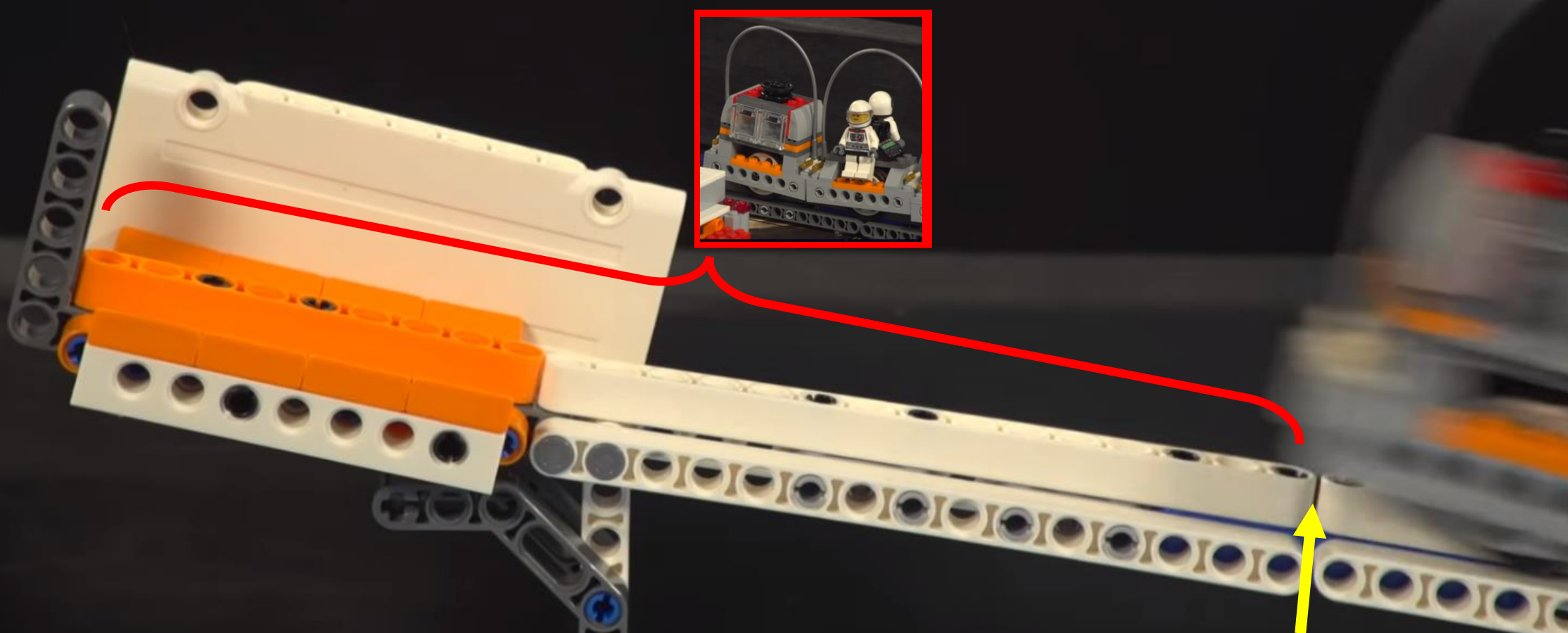


任務1 – 太空旅行

滑過第一節軌道連接點

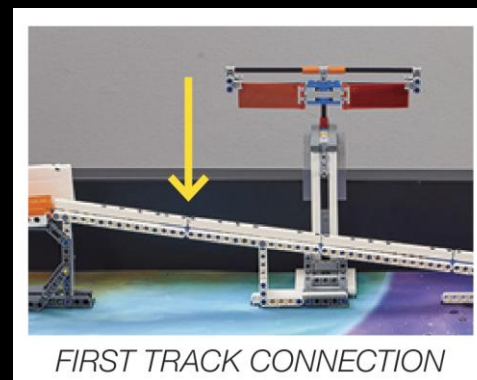
- 太空車荷載 (22分)
- 物資補給荷載 (14分)
- 人員荷載 (10分)

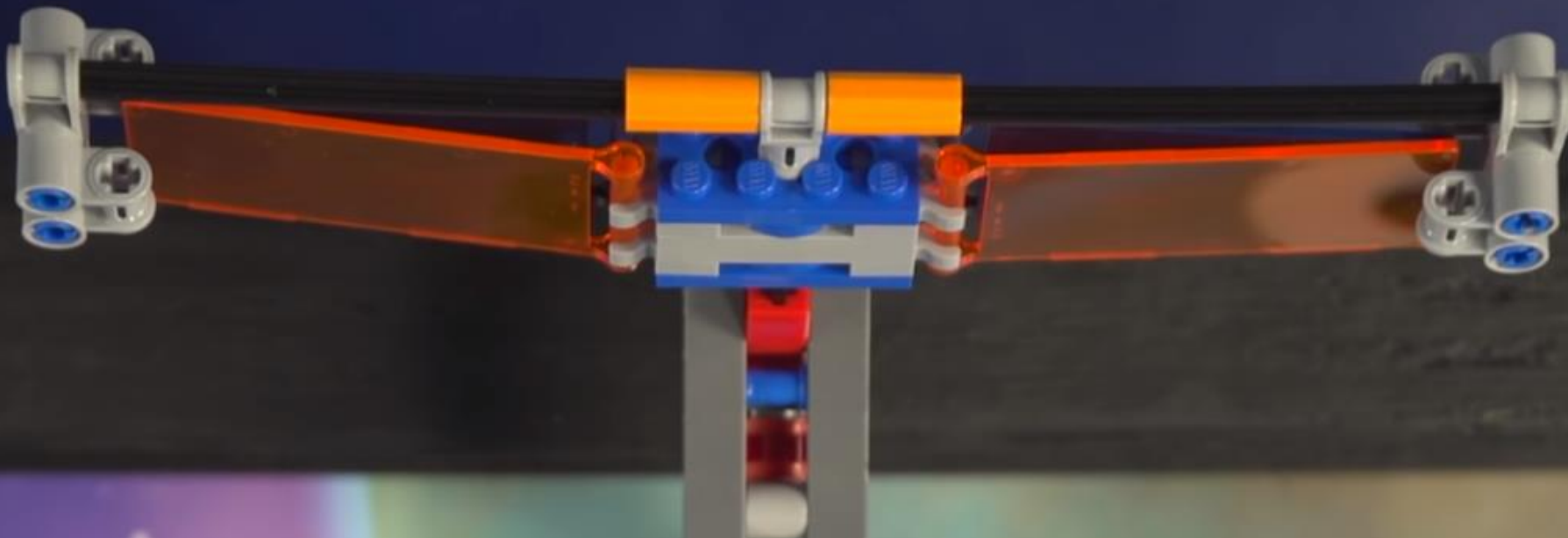




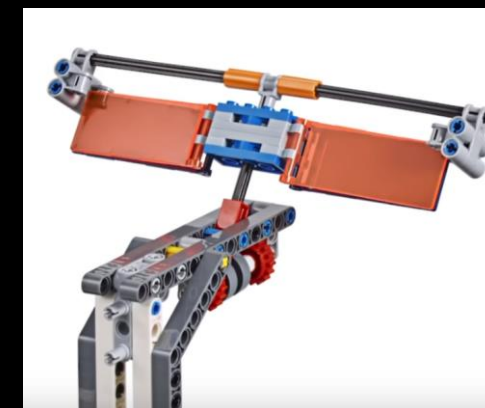
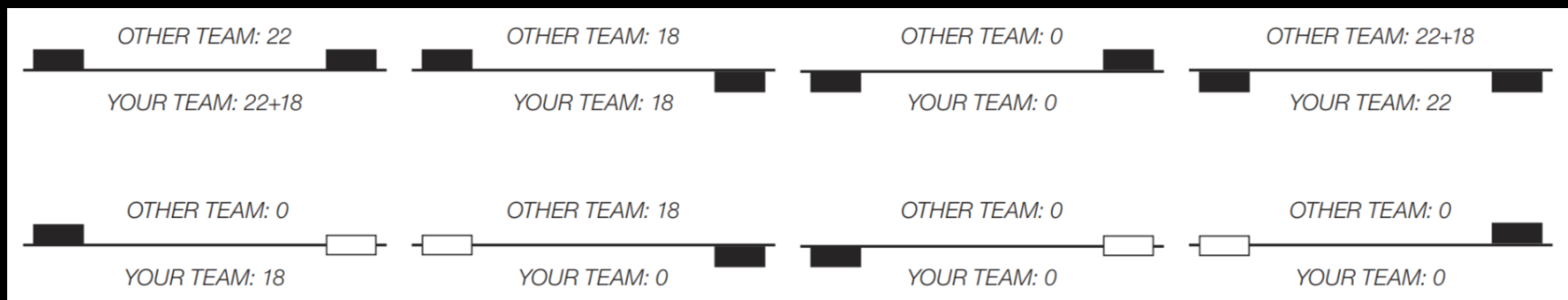
任務1 – 太空旅行 **補充說明**

- 荷載物件可放置區域如紅色範圍，物件放置時任何部位不可超過第一節點
- 計分方式**過程論**，物件**完全滑過**第一節點裁判立即記錄該物件分數



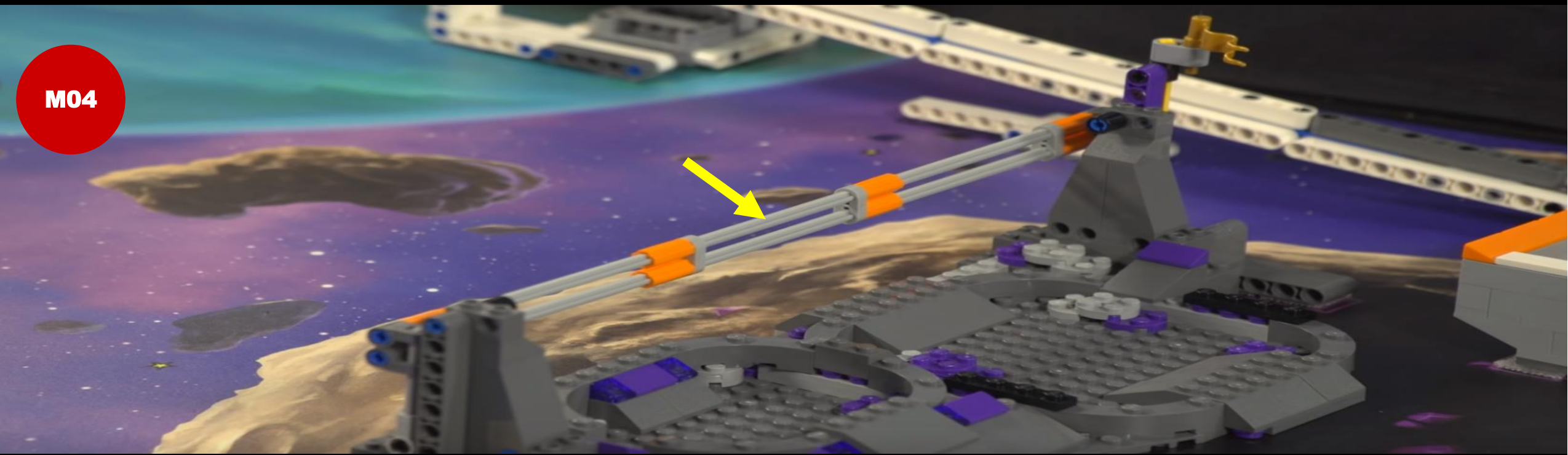


任務 2 – 太陽能板 依傾斜的方向給分



補充說明 道具若有輕微零件掉落但不影響評審判別太陽能板傾斜方向皆符合給分條件；若道具零件掉落影響裁判無法判別則不給分

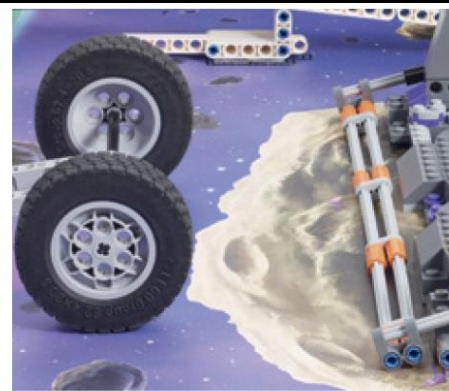
M04



任務 4 – 穿越隕石坑

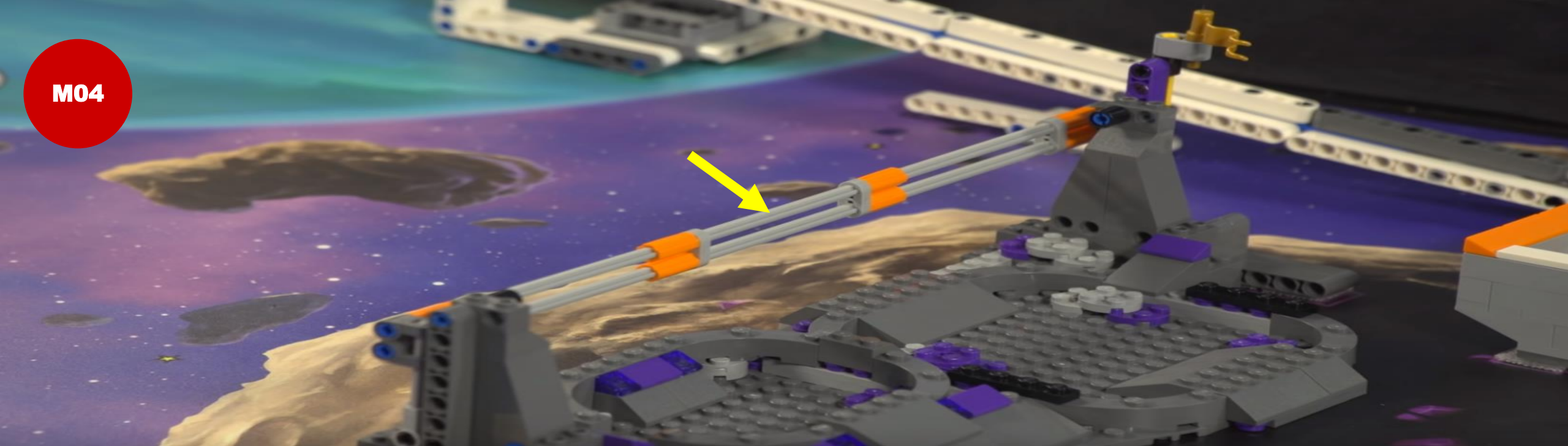


由兩側高處之間通過



通過閘門

M04



任務 4 – 穿越隕石坑

補充說明穿越

機器人或策略物件必須接觸A側底圖由A至B方向完全穿過隕石坑的柵欄，使柵欄（黃色箭頭）倒下與底圖呈水平狀態或接觸底圖（更好），同時機器人或策略物件完全接觸B側底圖且不碰觸A側底圖及隕石坑道具及柵欄等

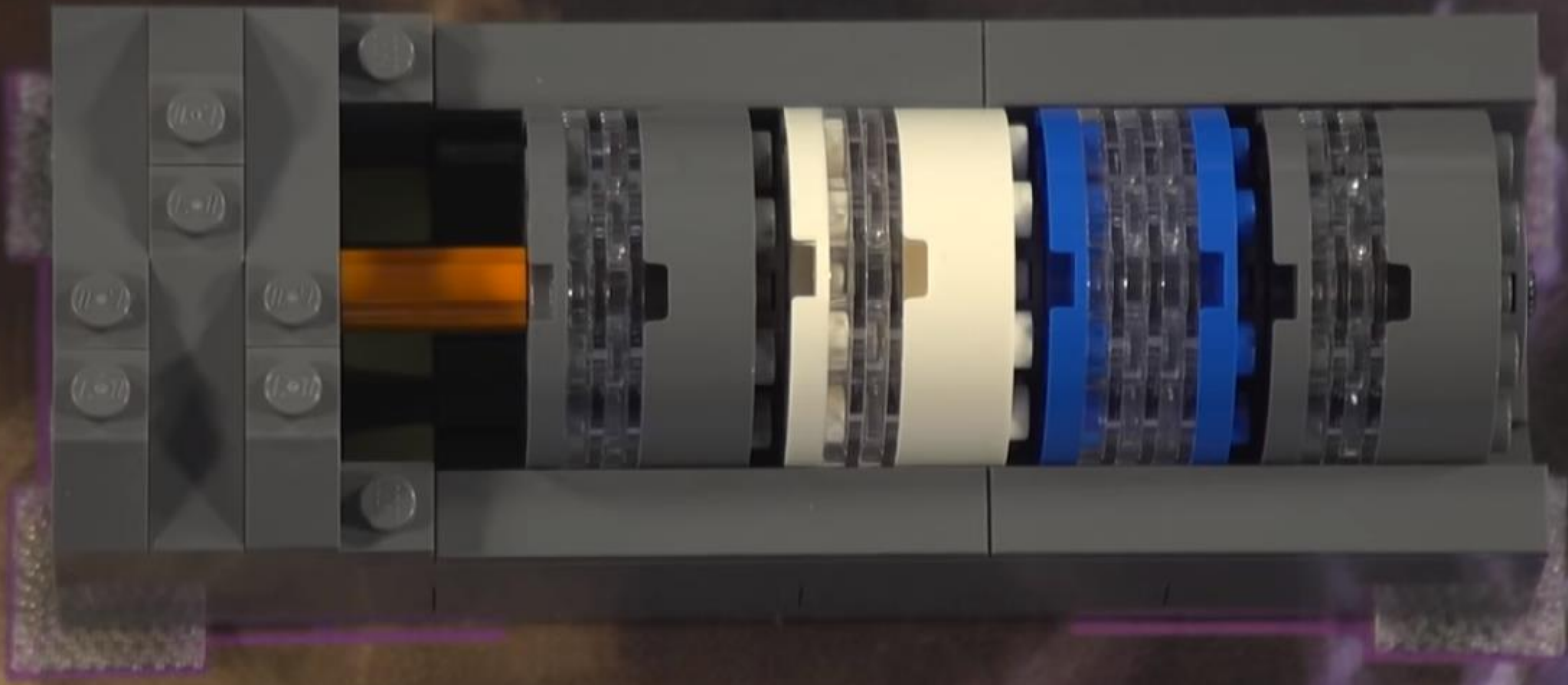


可參考連結範例

https://www.youtube.com/watch?v=_AqD6t1Cx_w



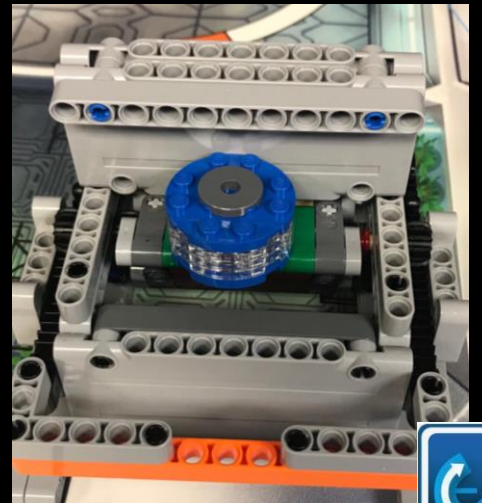
M05



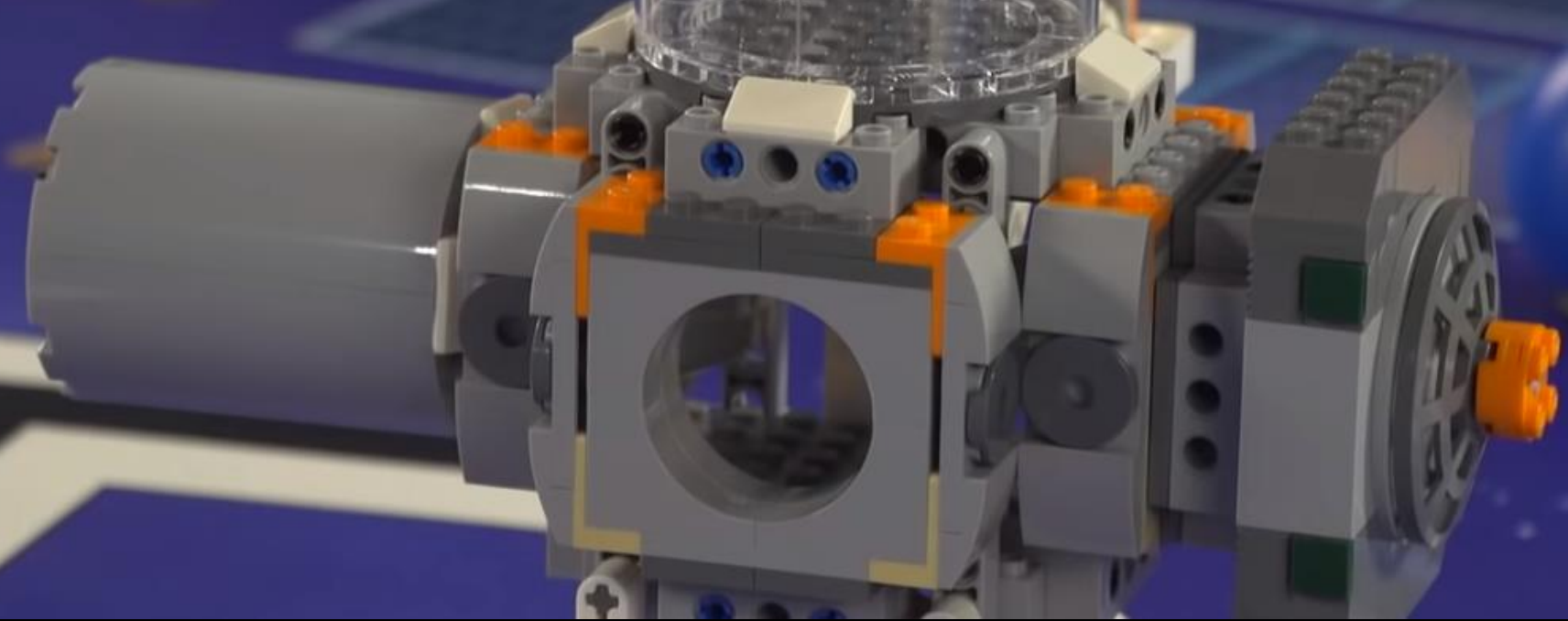
任務 5 – 萃取



8分



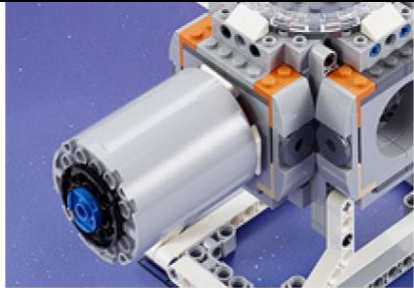
M06



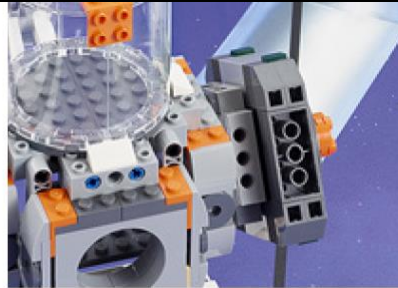
任務 6 - 太空站模組



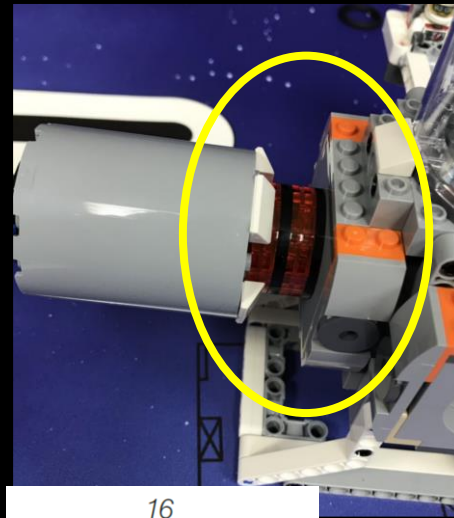
16



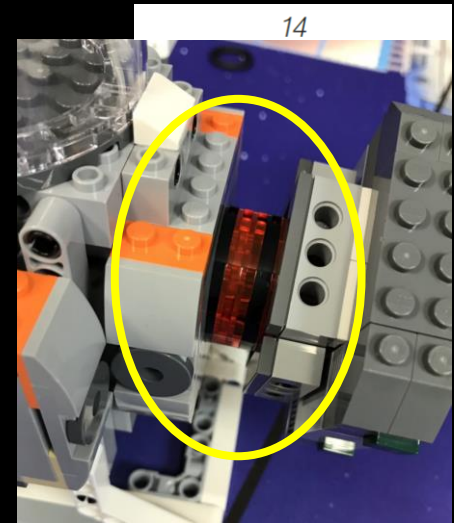
16



14



16



14

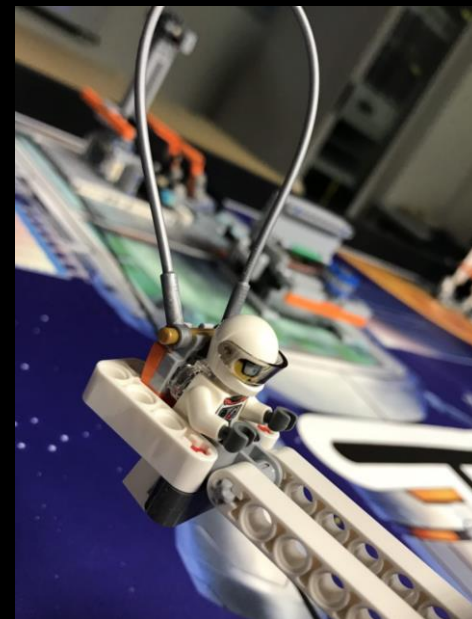
此狀態OK 得分



M07

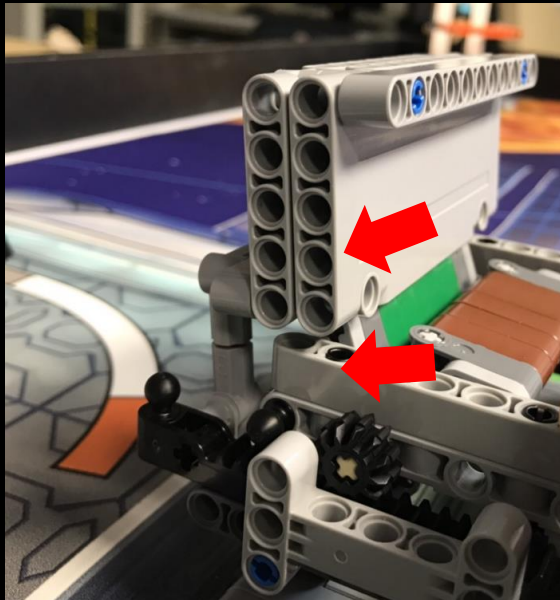


任務 7 – Gerhard 起始位置



M10

任務 10 – 生產食物



16



16



0

得分判定方式：紅色箭頭積木兩者是否接觸
接觸 16分；未接觸 0分

M12

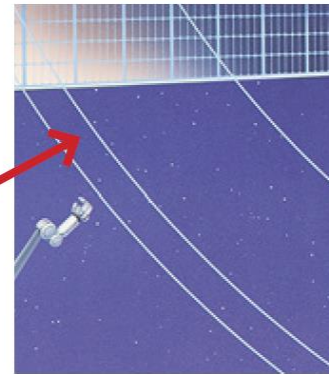
INTO
ROBOT

任務 12 – 衛星軌道

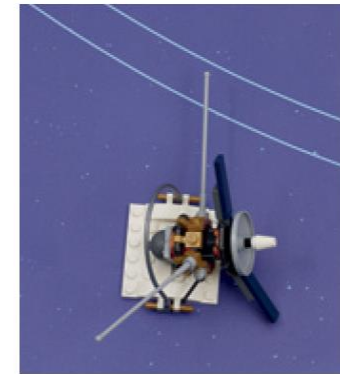


的衛星至太空軌道

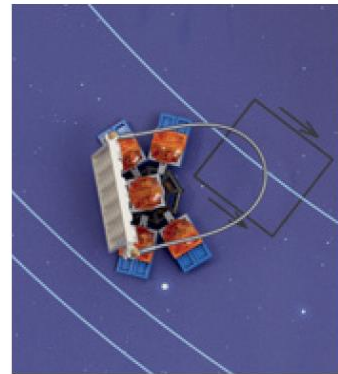
僅在這兩條線之間



太空軌道



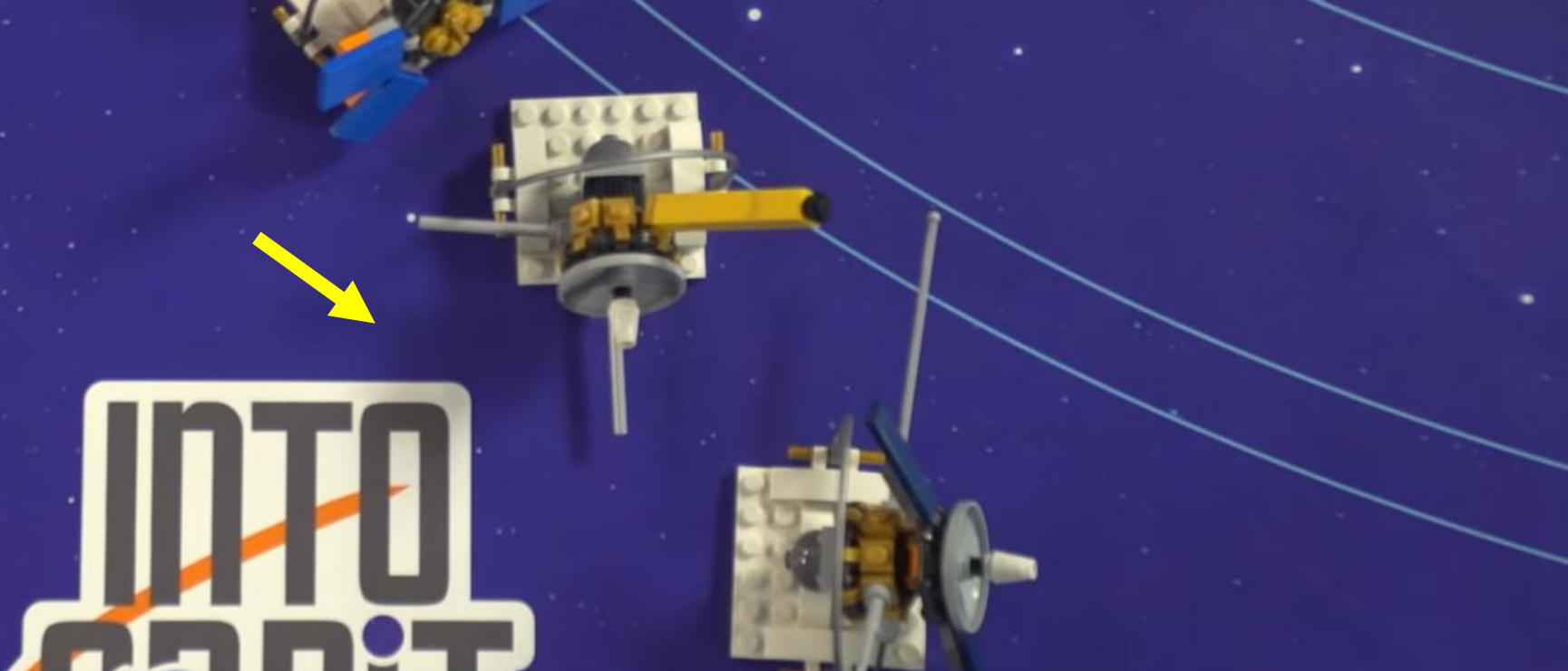
8



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衛星任何部分接觸或物件正投影在兩條線之間
皆可獲得分數

M12



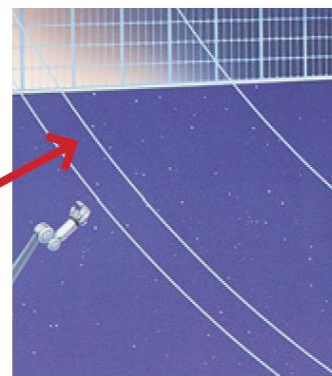
任務 12 – 衛星軌道

補充說明

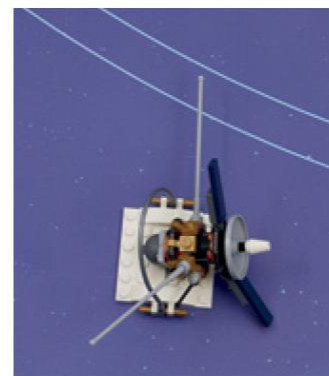
若衛星壓在策略物件上
策略物件上的衛星任何零件接觸或正投影在兩條線之間皆可獲得分數

的衛星至太空軌道

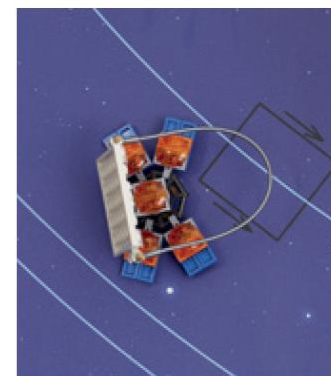
僅在這兩條線之間



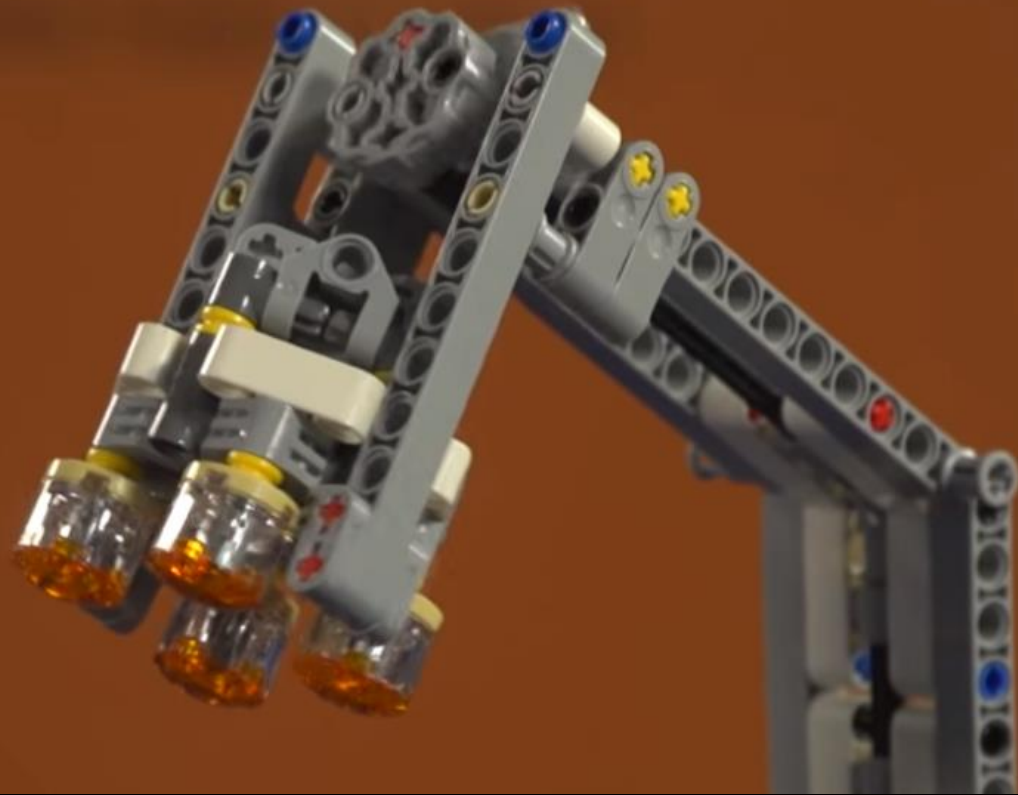
太空軌道



8



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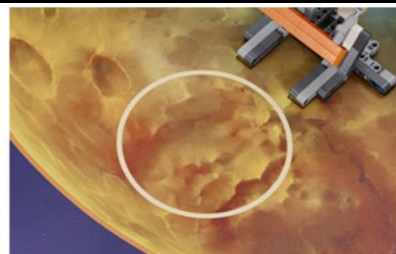
任務 15 - 登陸著地



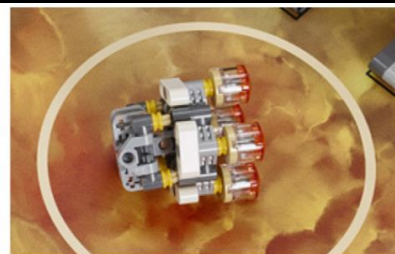
完整的



登陸標的圈



東北方星球區域



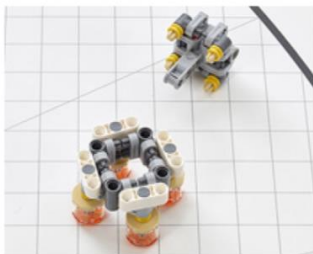
22



20



20



16



0



0