

# 2024-2025學年

## 澳門青少年綜合機械人科普選拔大賽

### 競賽地圖任務設置

# 注意事項

所有拼裝任務均以魔術貼與場地固定。

所有項目場地均沒有圍邊，地圖貼在防火板上，VEX IQ除外。

所有圖示只用於標示道具放置位置，道具拼裝方法以拼裝說明為準。

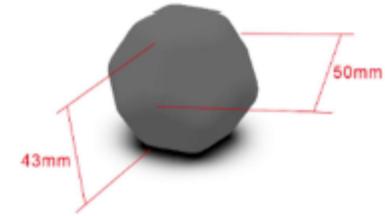
# 機械人創新挑戰 任務道具備註



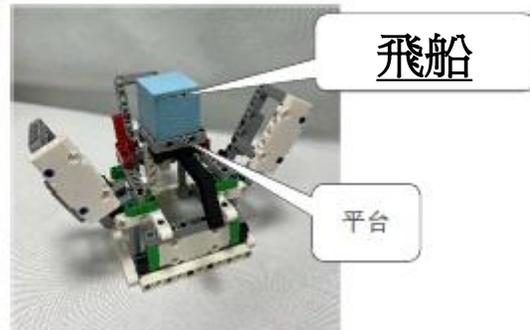
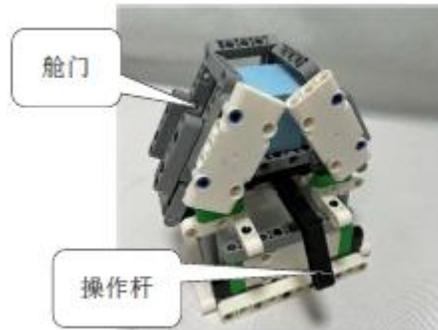
標記物



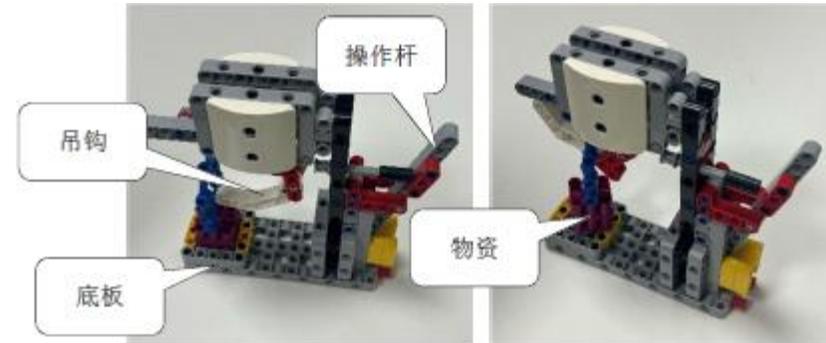
時空扭曲平台 (雙面膠固定貼紙)



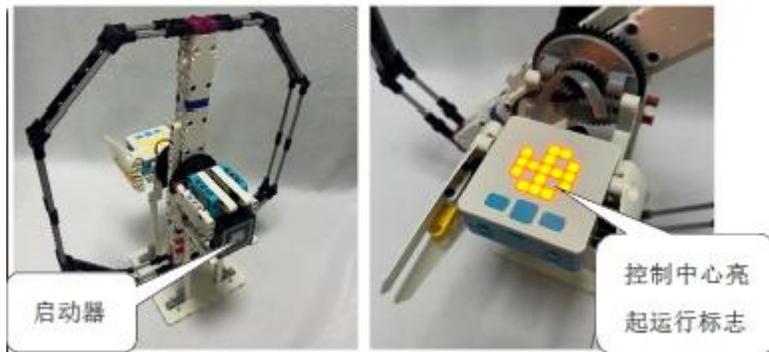
探索視界 探測器模型



艙門展開模型初始及完成狀態



物資裝載模型初始及完成狀態

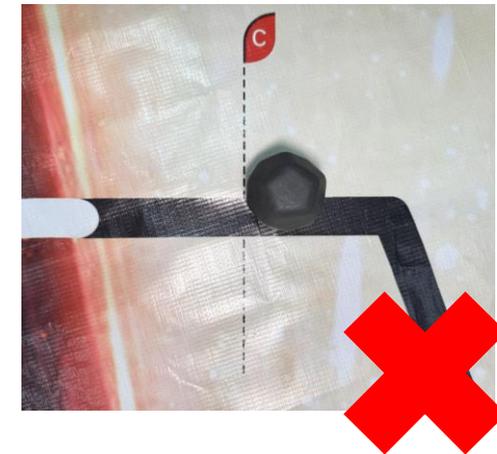
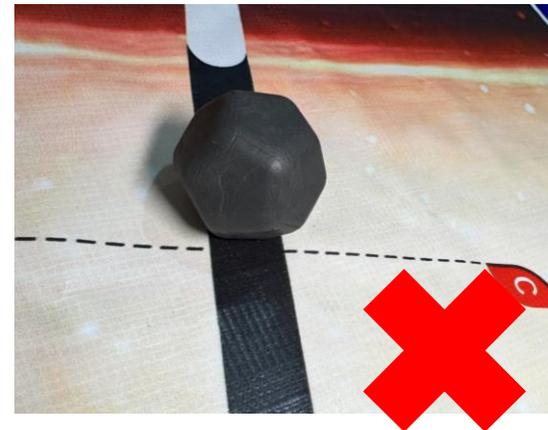
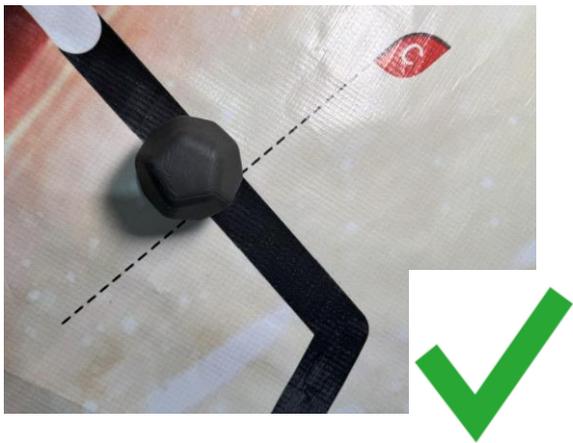
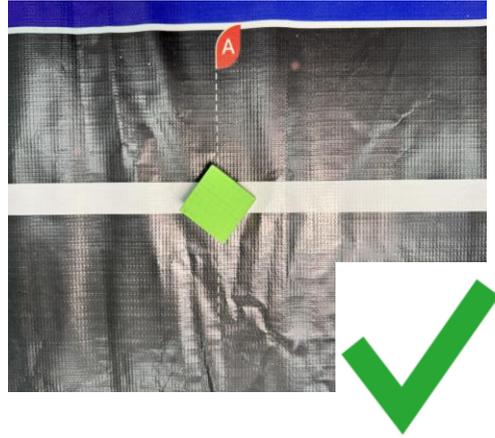


星艦航行初始及完成狀態



星際傳奇科研

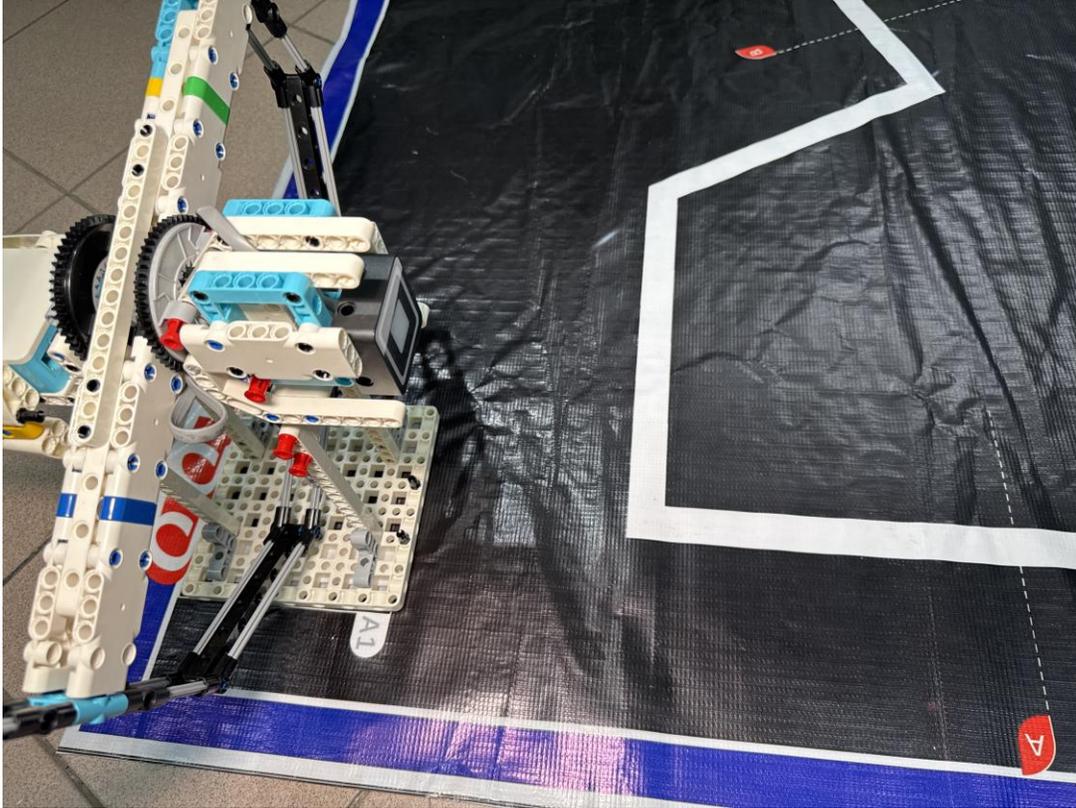
# 機械人創新挑戰 飛行航道道具初置放置示意圖



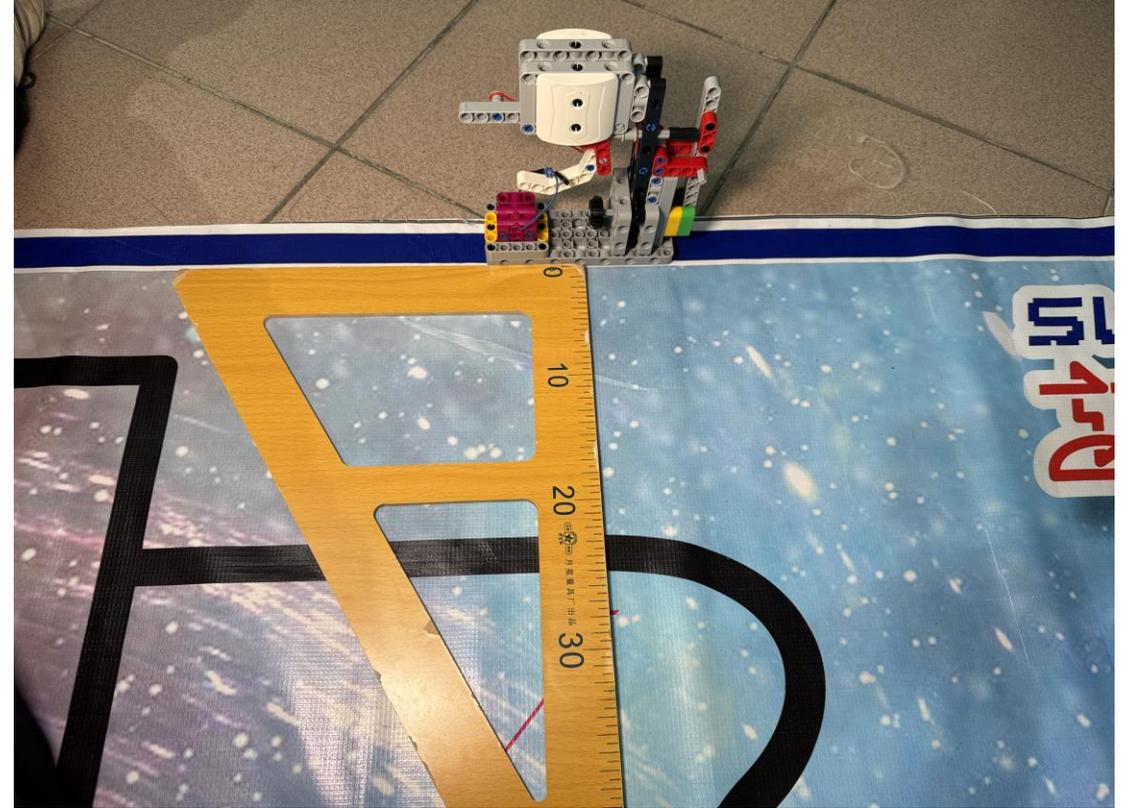
\*標記物和探測器的接觸面需要完全橫跨軌跡線和標記線，時空扭曲的標記物除外。

# 機械人創新挑戰 競賽地圖

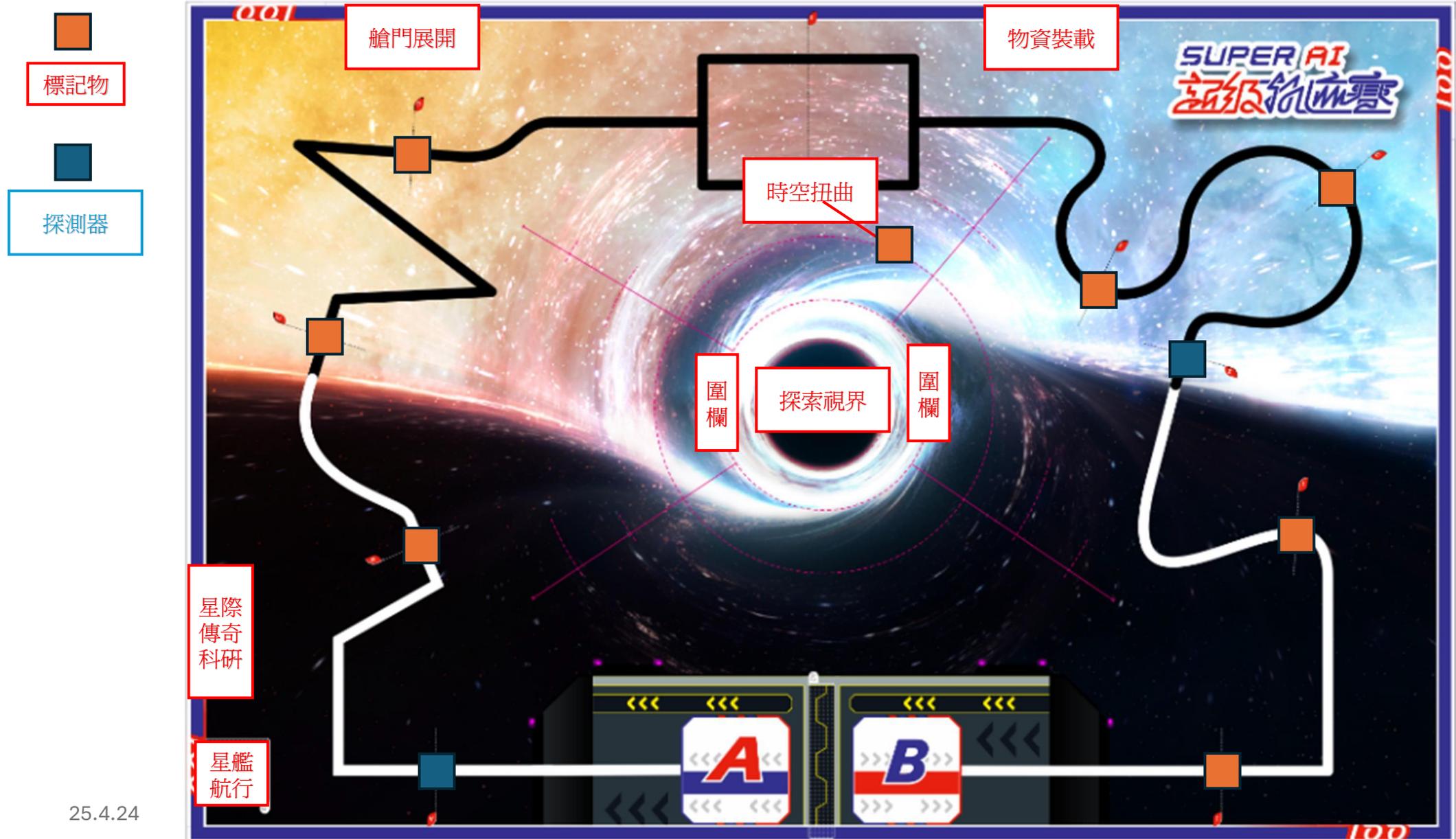
星艦航行



物資裝載



# 機械人創新挑戰 小學組競賽地圖

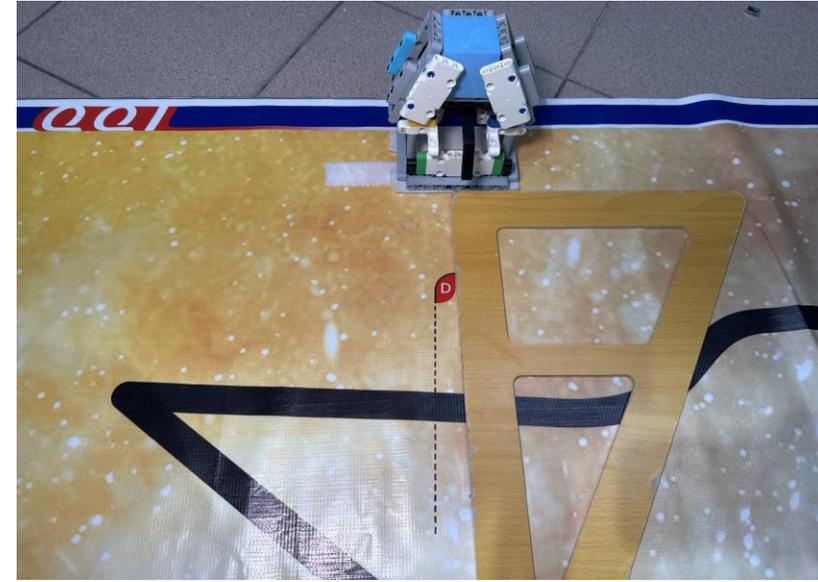


# 機械人創新挑戰 小學組競賽地圖

星際傳奇科研



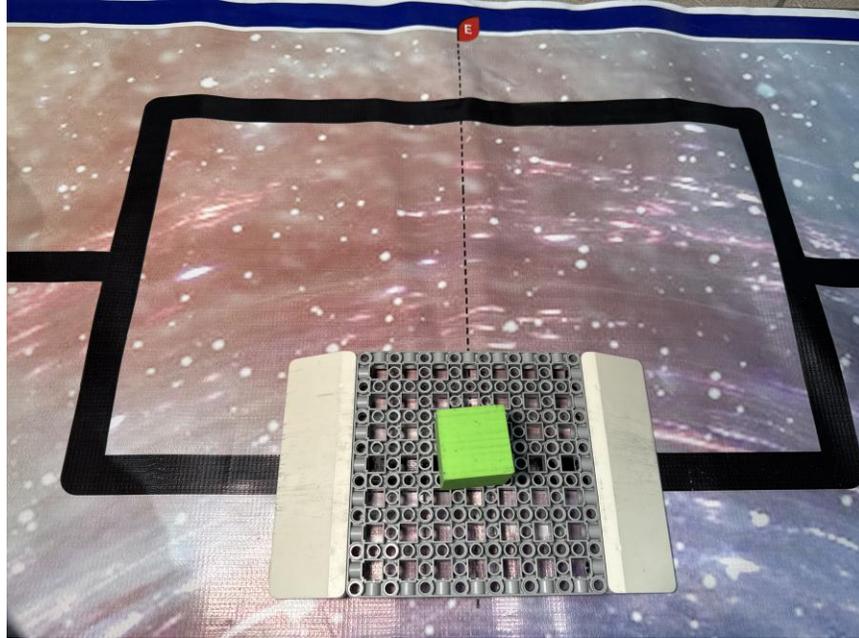
艙門展開



\*裝置正面從左至右星座擺放位置： 摩羯、 雙魚、 獅子、 金牛

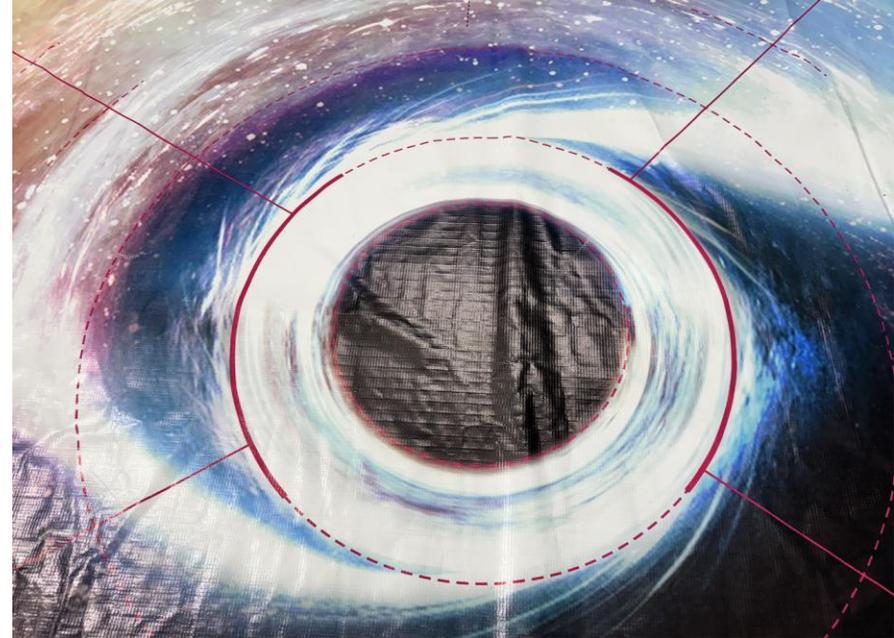
# 機械人創新挑戰 小學組競賽地圖

時空扭曲



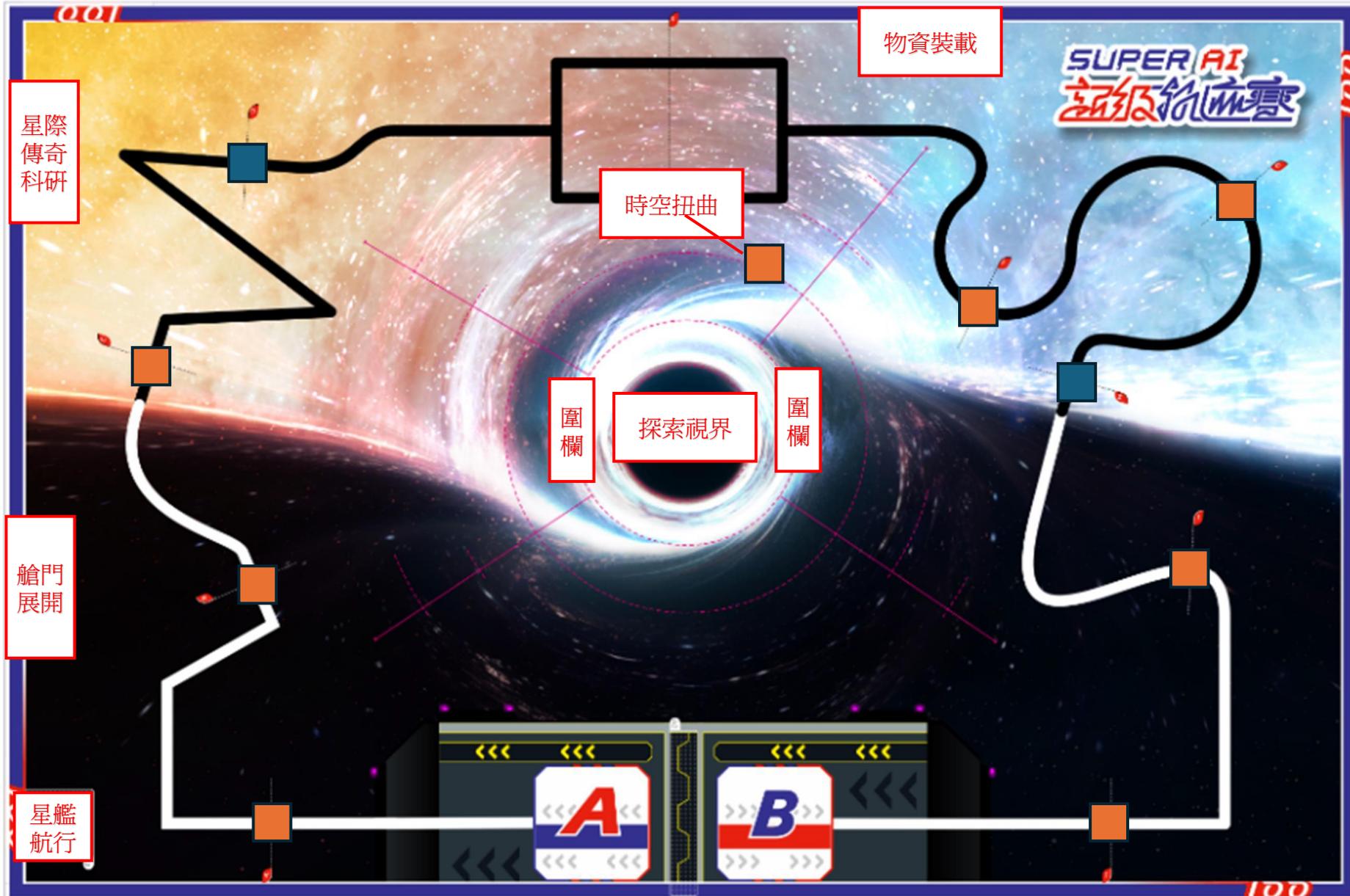
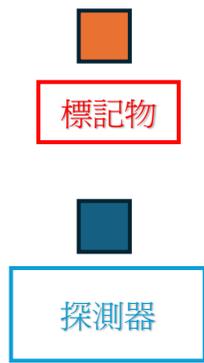
用魔術貼固定平台

探索視界



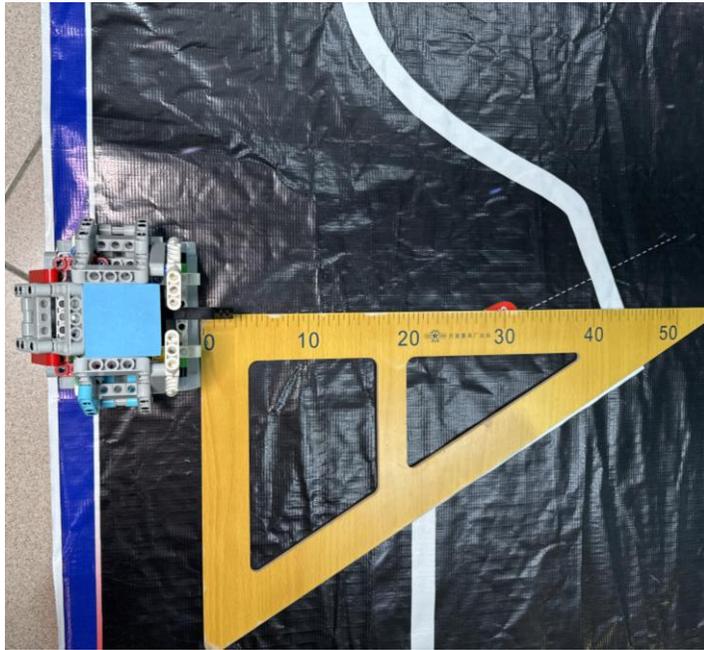
\*圍欄固定在黑洞兩邊的實線上  
用魔術貼固定

# 機械人創新挑戰 初中組競賽地圖

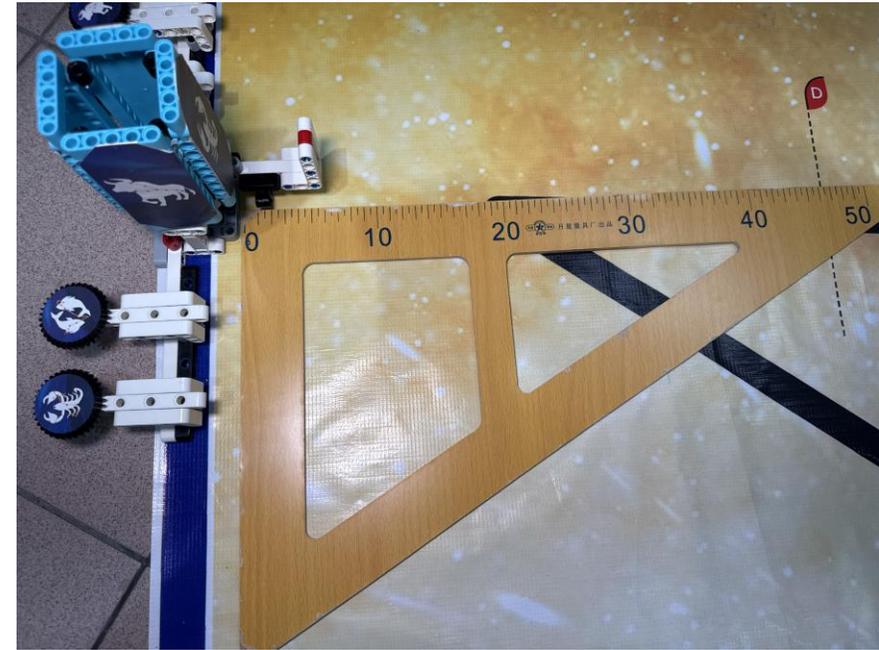


# 機械人創新挑戰 初中組競賽地圖

艙門展開



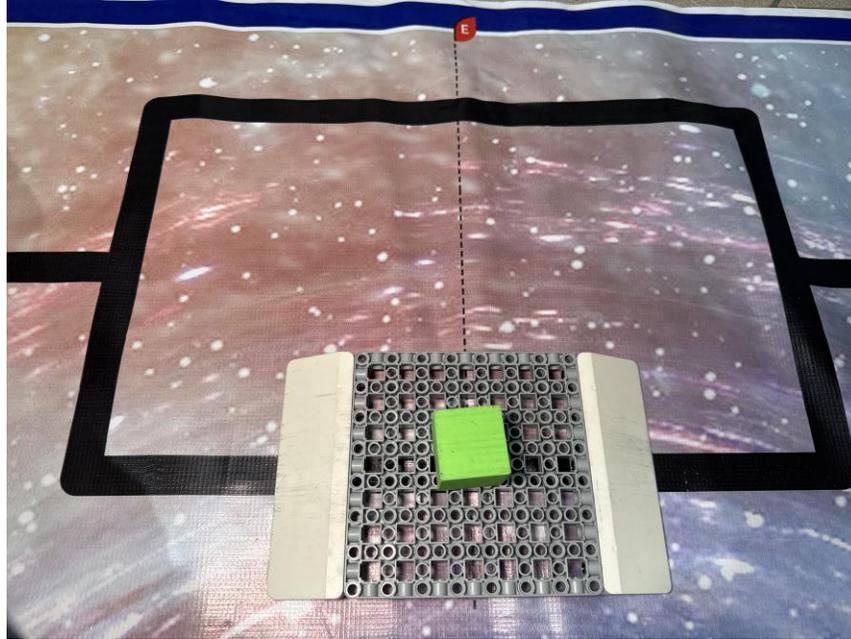
星際傳奇科研



\*裝置正面從左至右星座擺放位置：摩羯、雙魚、獅子、金牛

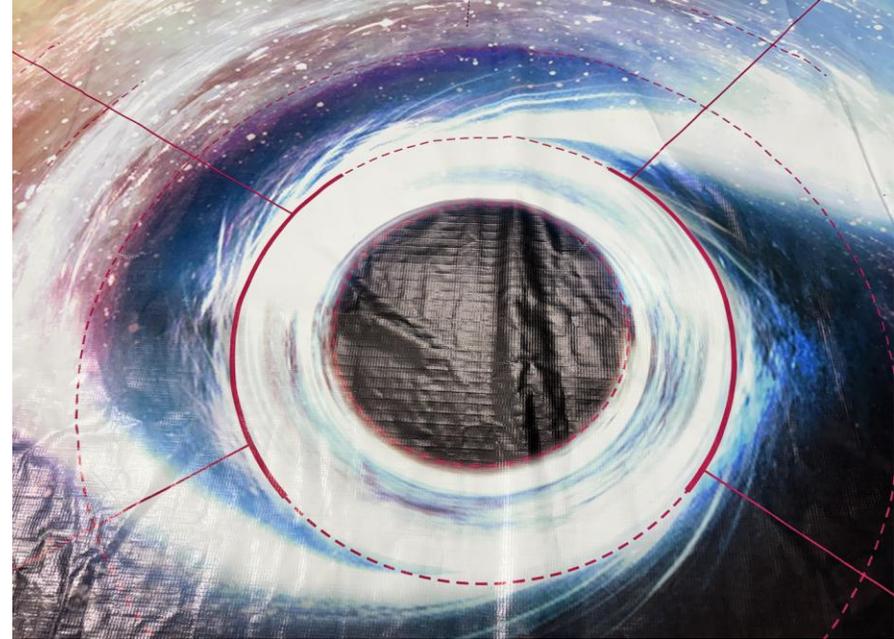
# 機械人創新挑戰 初中組競賽地圖

時空扭曲



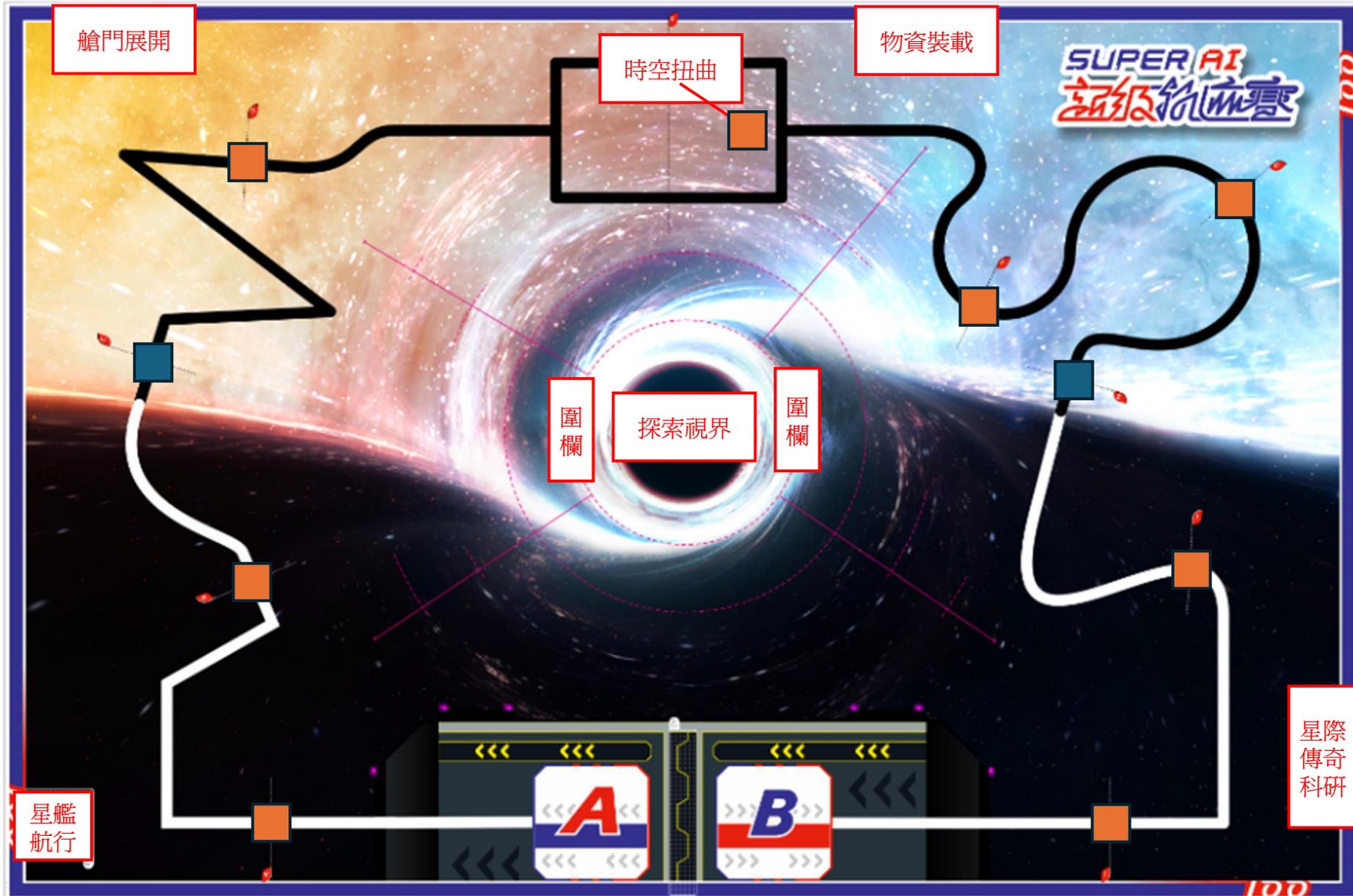
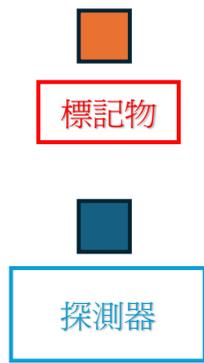
用魔術貼固定平台

探索視界



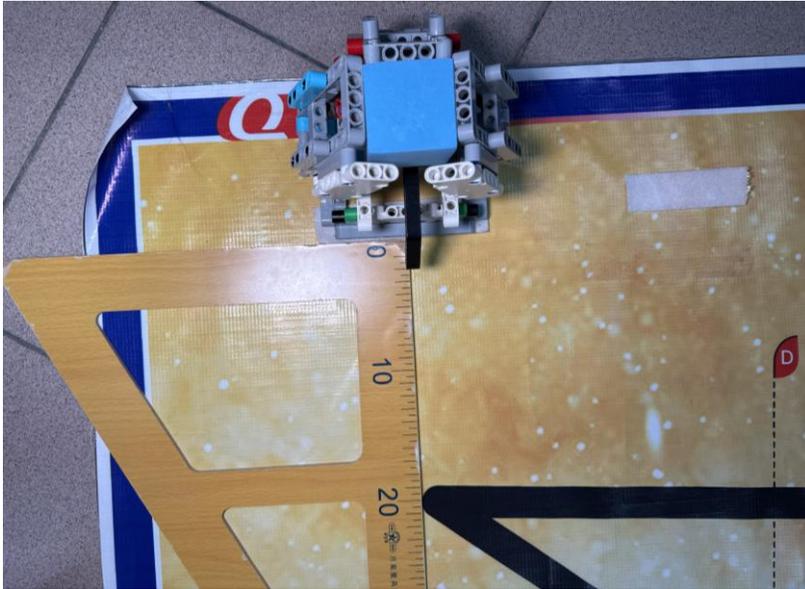
\*圍欄固定在黑洞兩邊的實線上  
用魔術貼固定

# 機械人創新挑戰 高中組競賽地圖

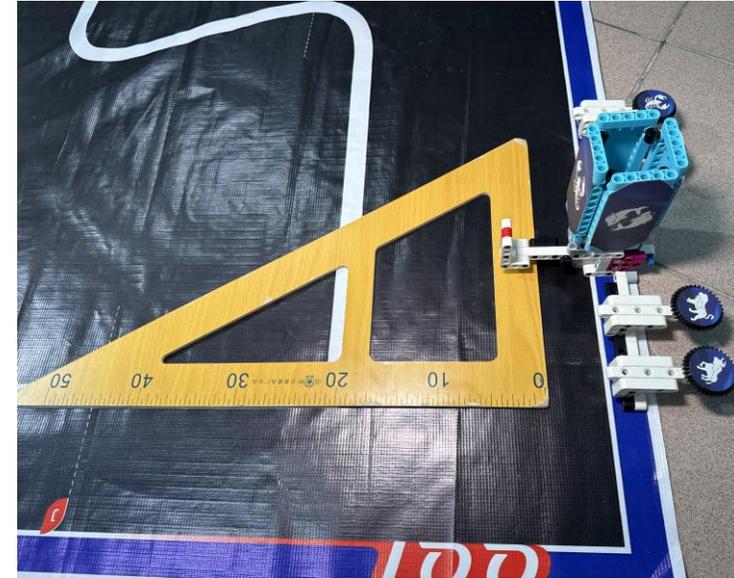


# 機械人創新挑戰 高中組競賽地圖

艙門展開



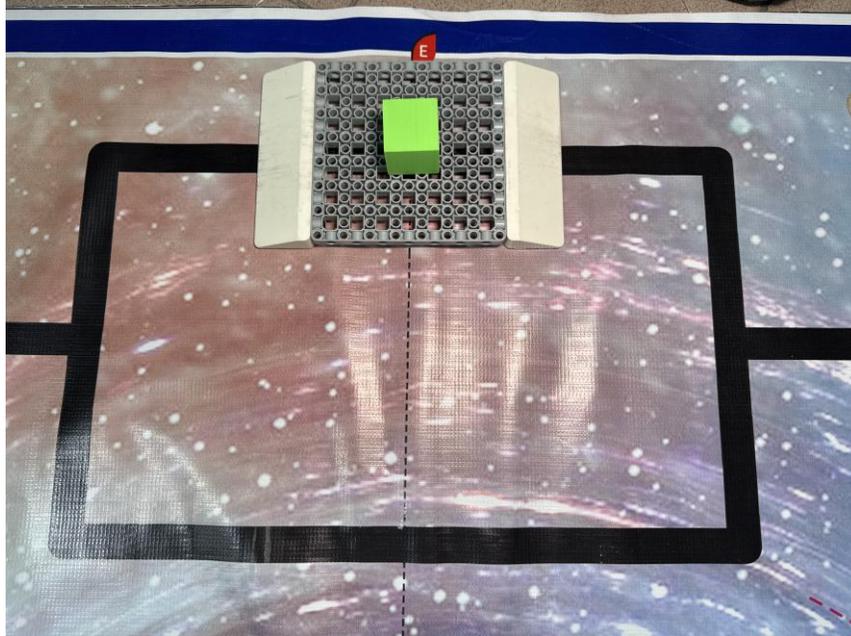
星際傳奇科研



\*裝置正面從左至右星座擺放位置：摩羯座、雙魚、獅子、金牛

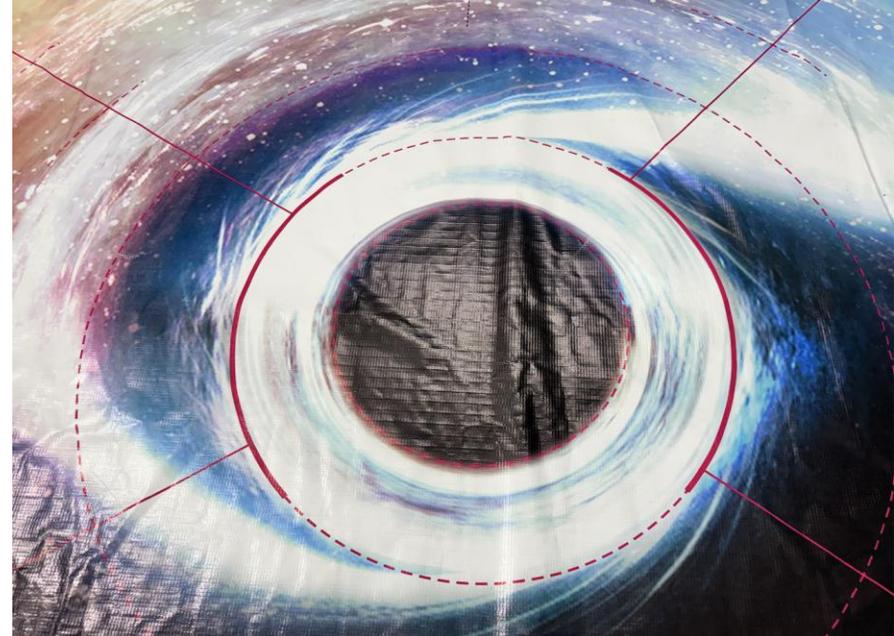
# 機械人創新挑戰 高中組競賽地圖

時空扭曲



用魔術貼固定平台

探索視界

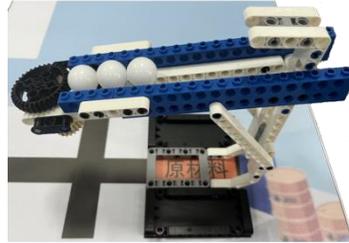


\*圍欄固定在黑洞兩邊的實線上  
用魔術貼固定

# 機械裝載 任務道具備註



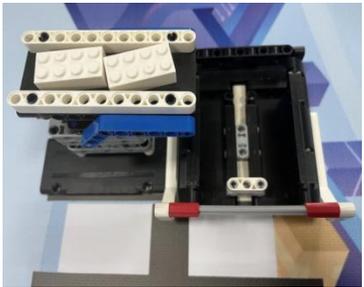
安全檢測模型



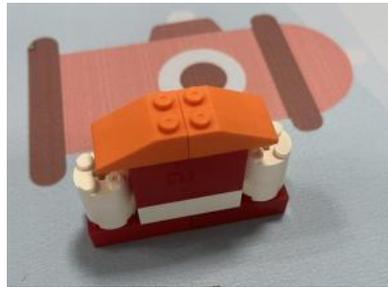
原材料裝載運輸模型



成品入庫裝載運輸任務道具



半成品裝載運輸模型



消防設施模型

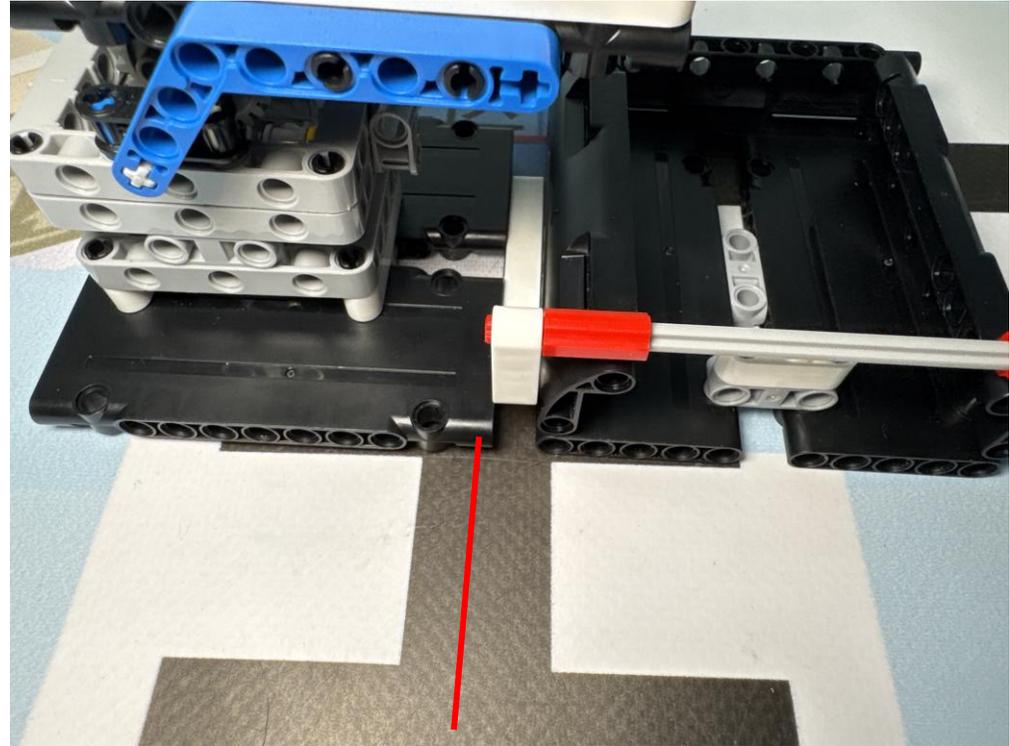
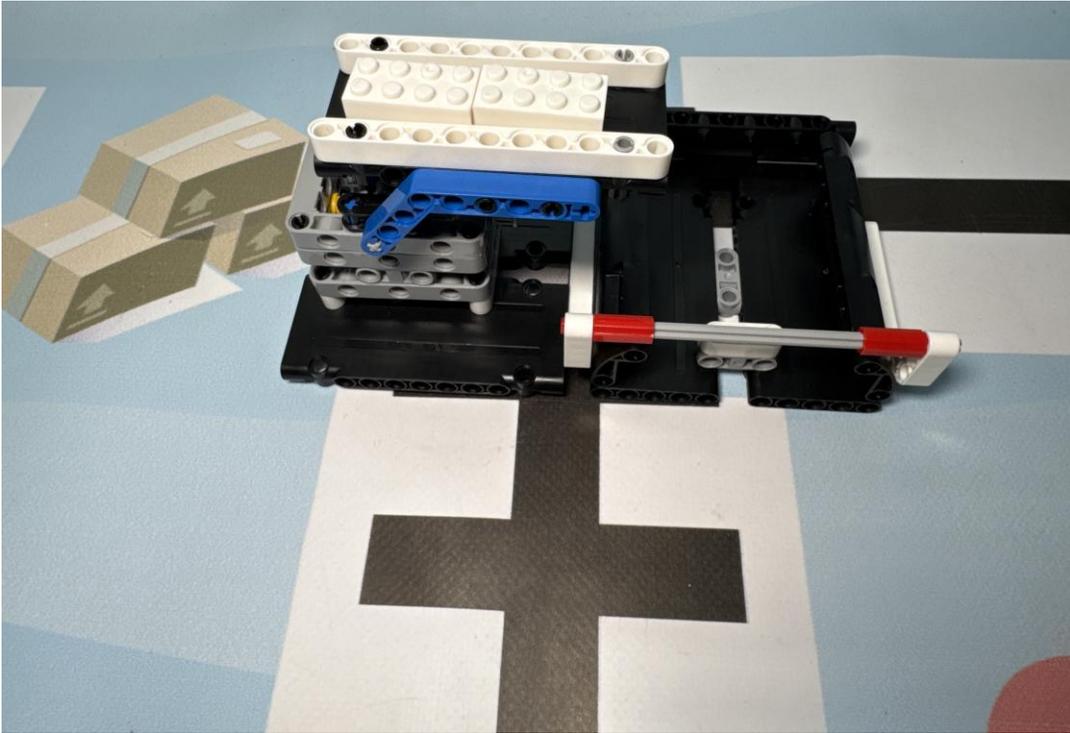


貨架升降模型



貨架裝載模型

# 機械裝載 - 貨架裝載擺放示意

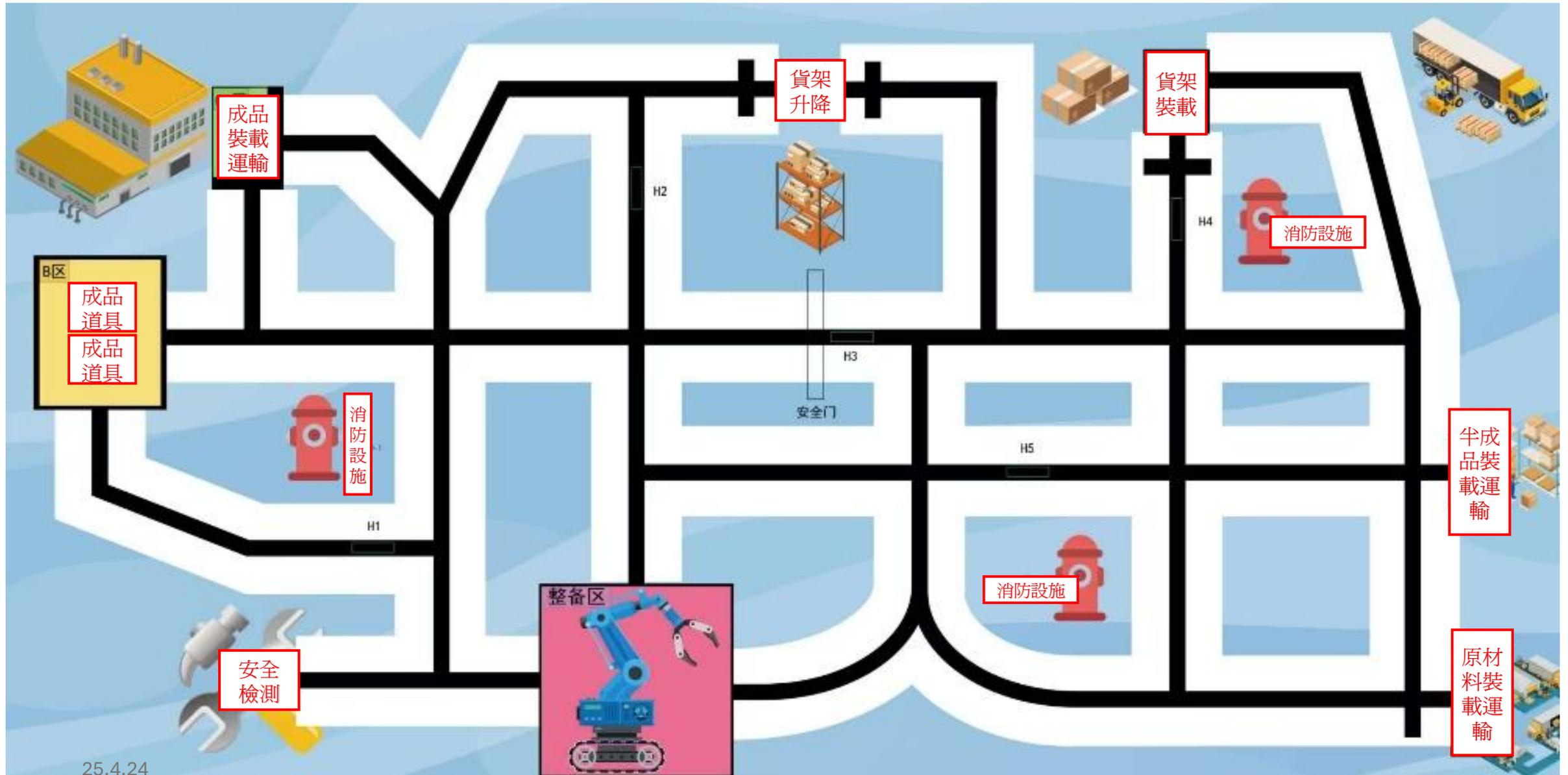


邊緣處於中間

# 機械裝載 - 倉庫與車間

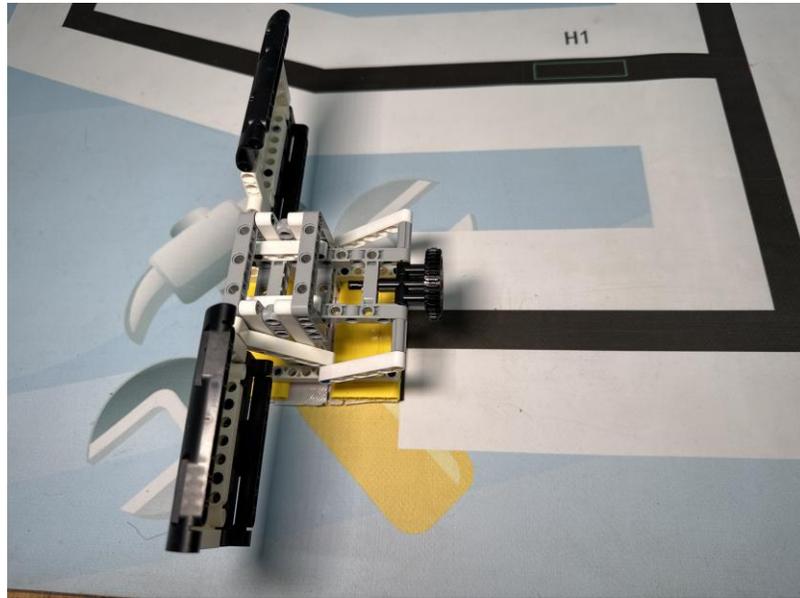


# 機械裝載 小學組競賽地圖



# 機械裝載 小學組競賽地圖

安全檢測

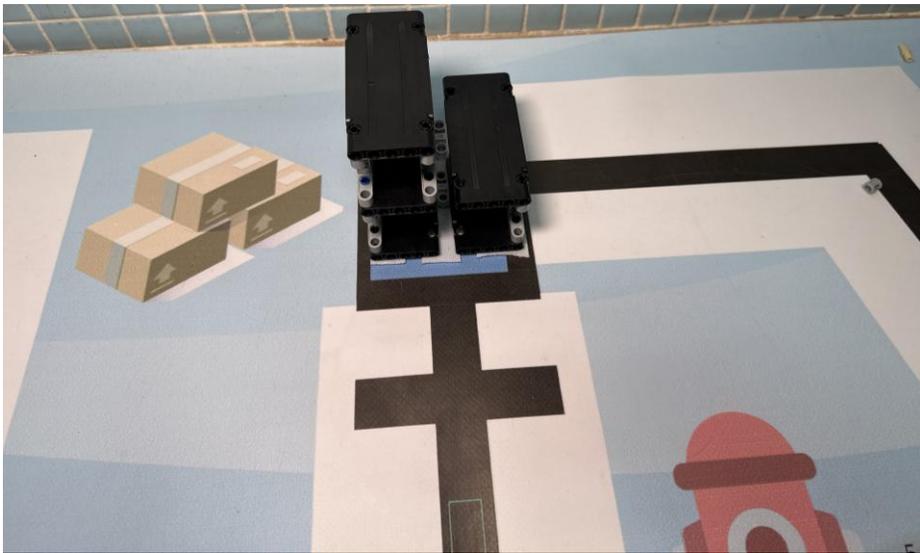


貨架升降

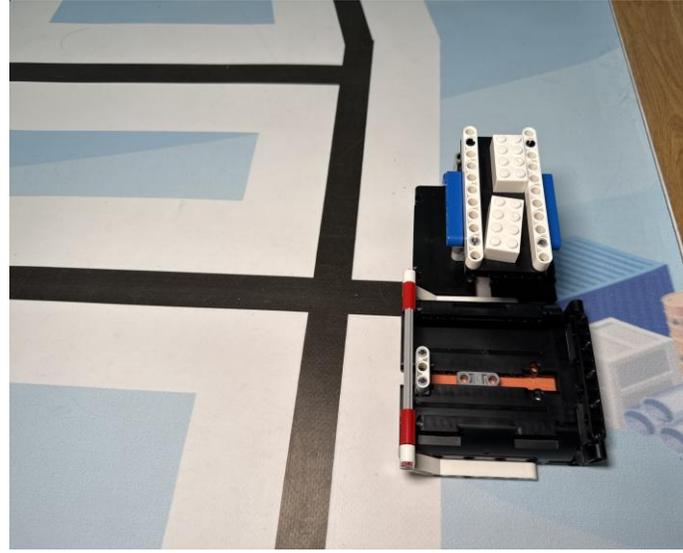


# 機械裝載 小學組競賽地圖

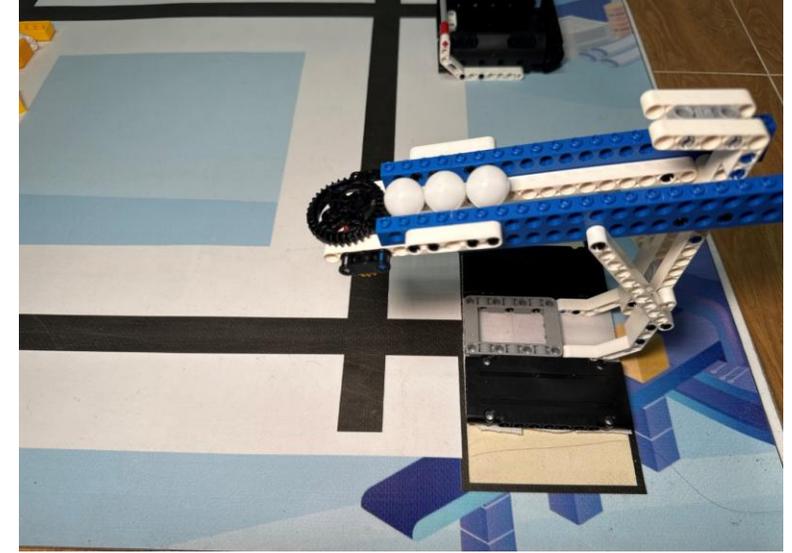
貨架裝載



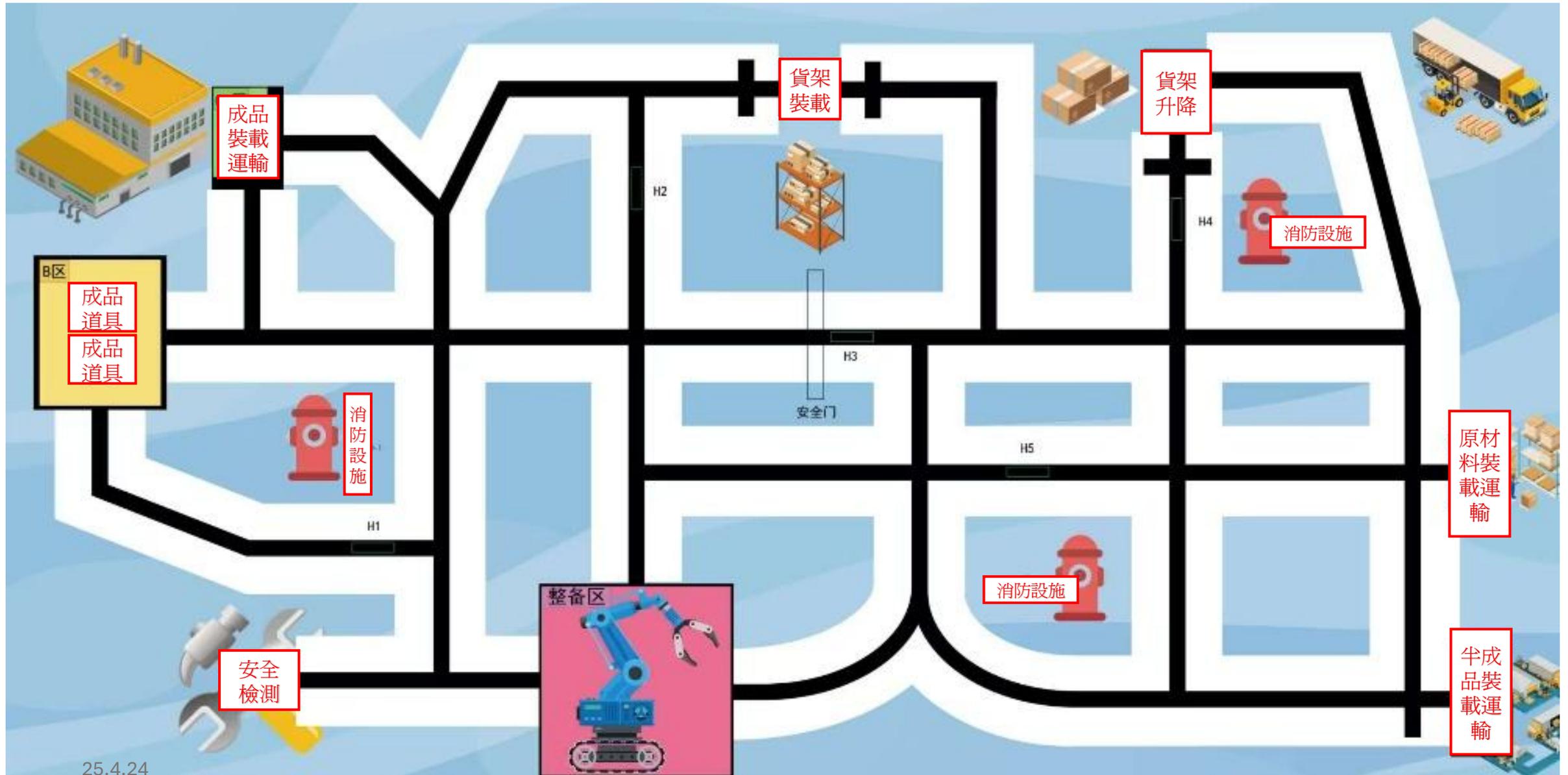
半成品裝載



原材料裝載

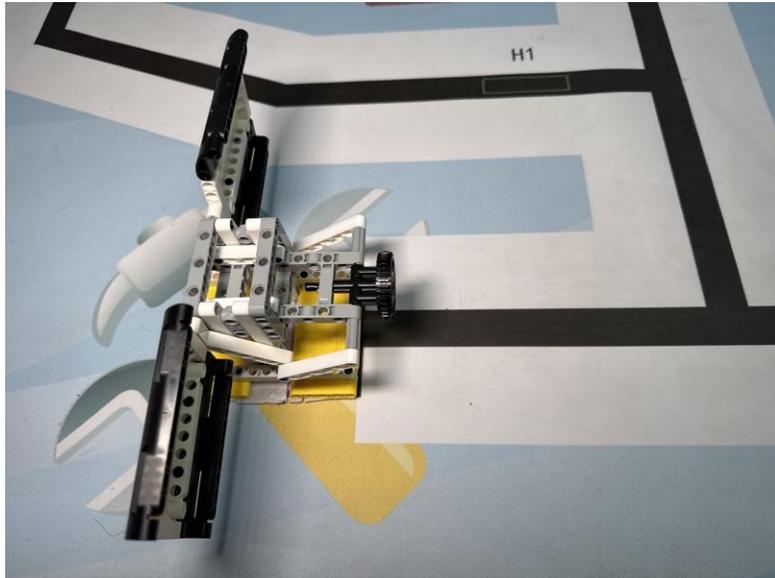


# 機械裝載 初中組競賽地圖

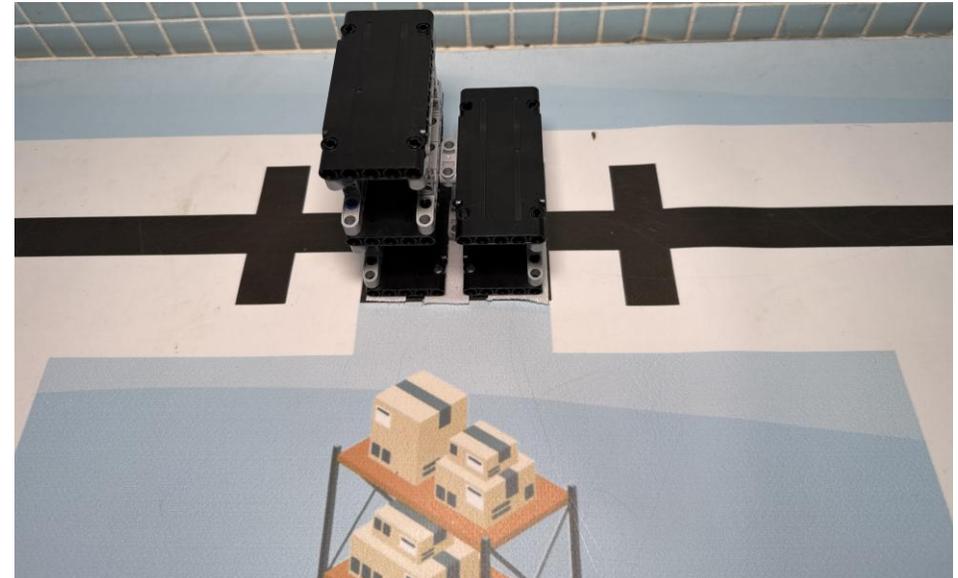


# 機械裝載 初中組競賽地圖

安全檢測

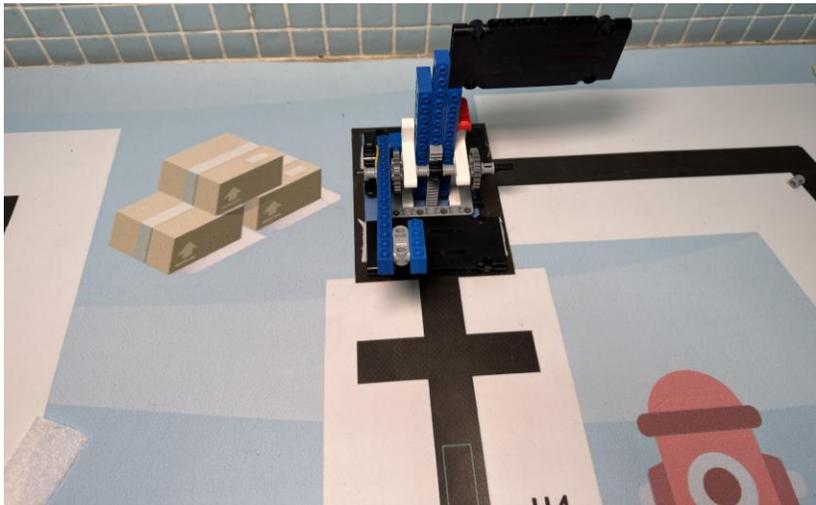


貨架裝載

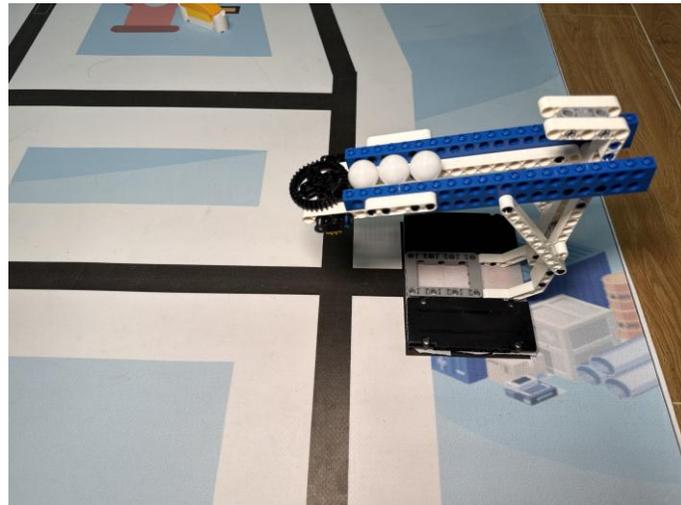


# 機械裝載 初中組競賽地圖

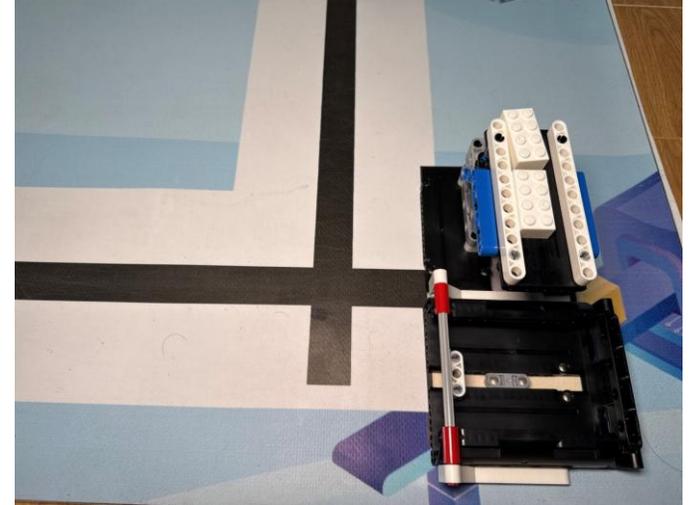
貨架升降



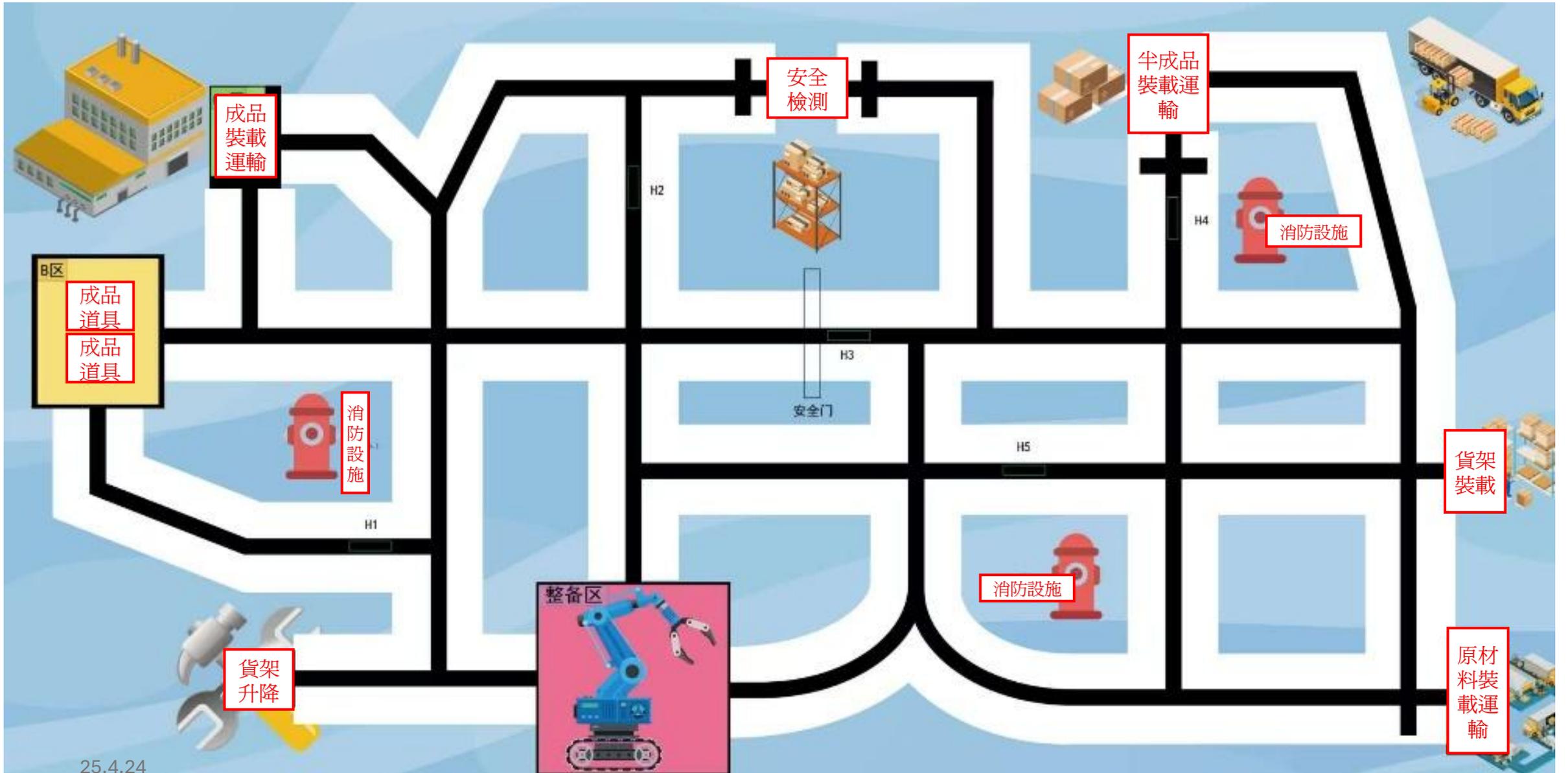
原材料裝載



半成品裝載

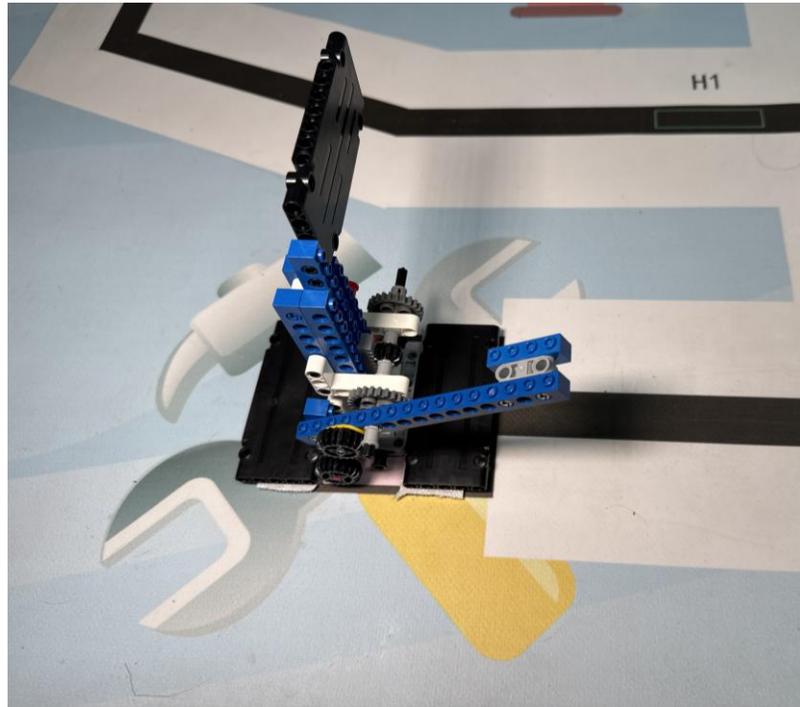


# 機械裝載 高中組競賽地圖

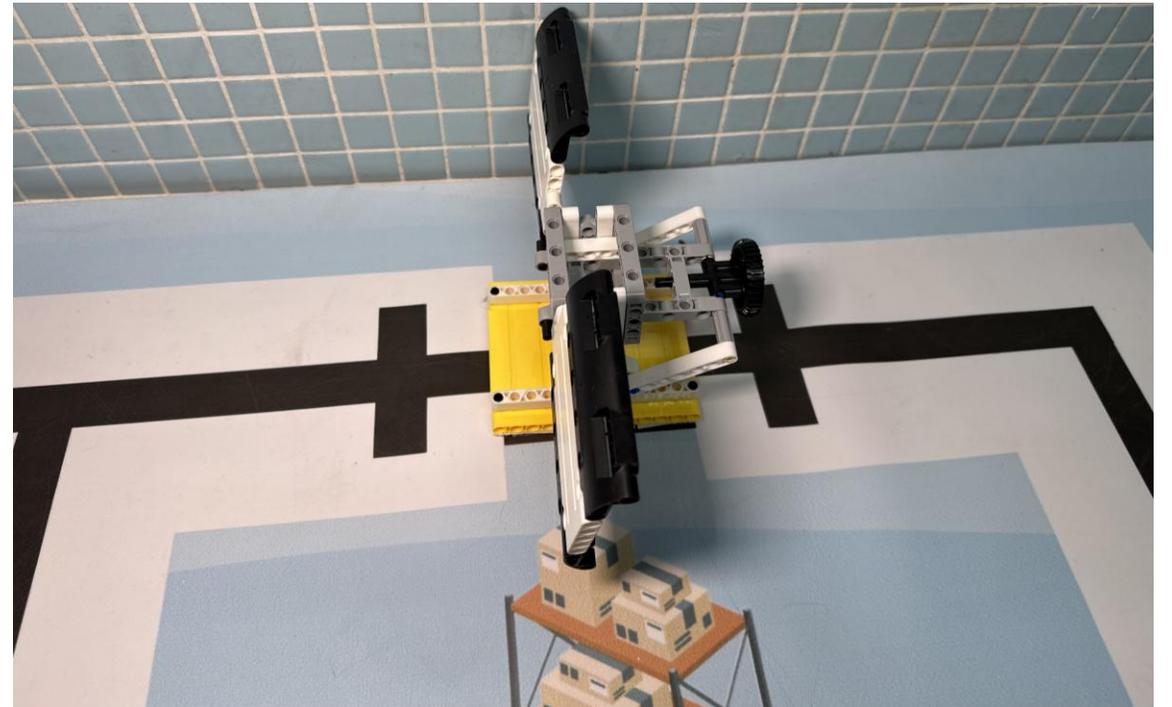


# 機械裝載 高中組競賽地圖

貨架升降

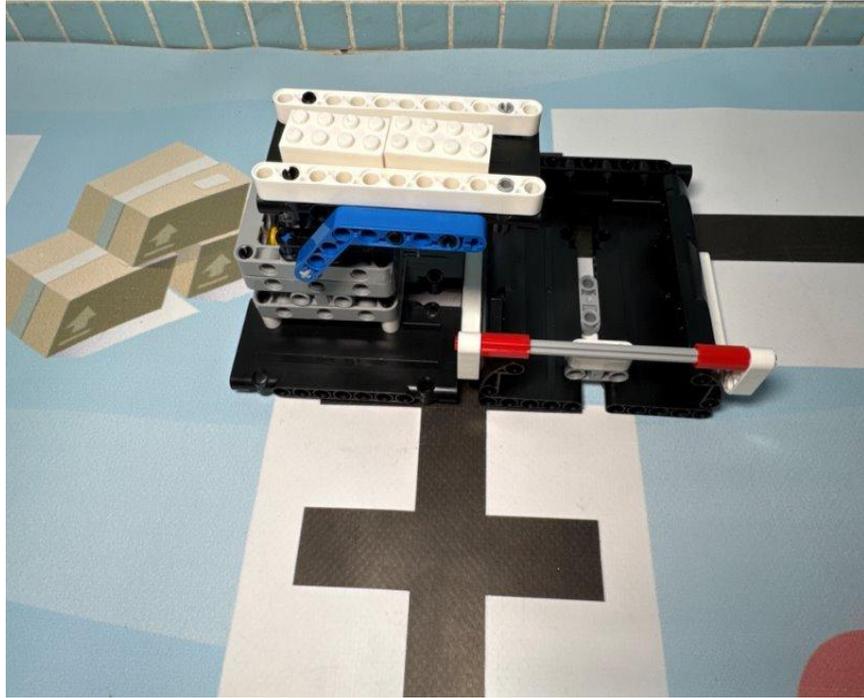


安全檢測

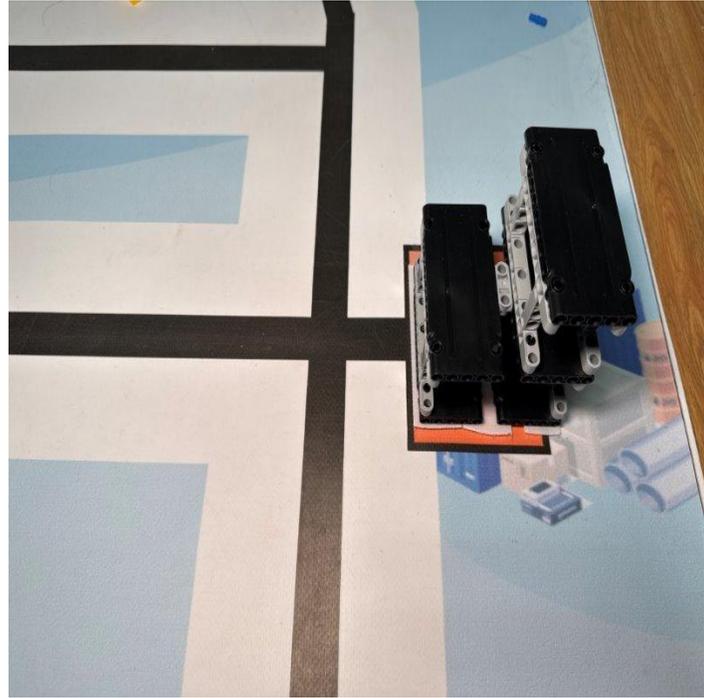


# 機械裝載 高中組競賽地圖

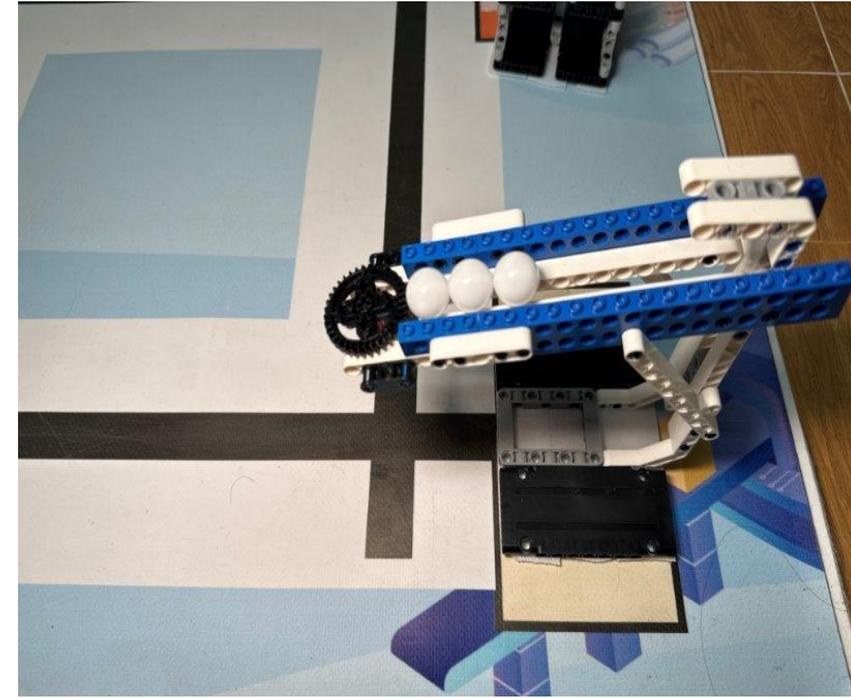
半成品裝載



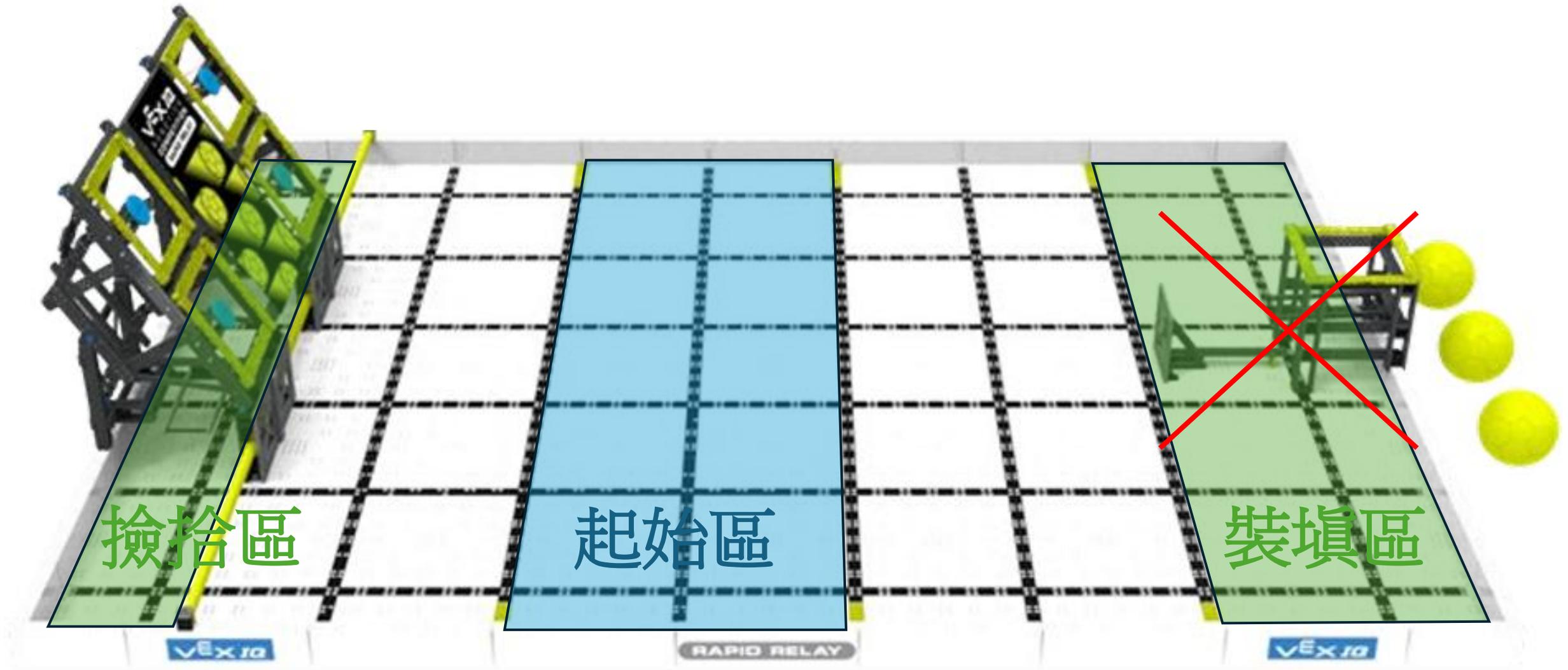
貨架裝載



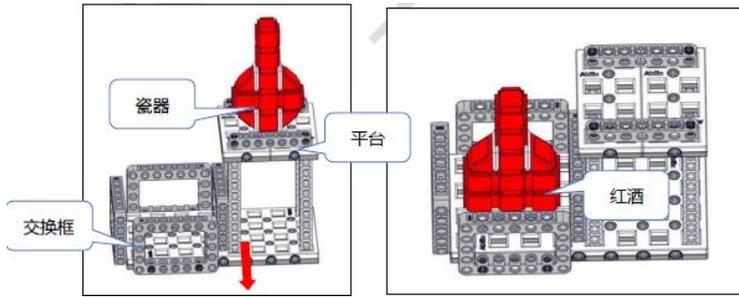
原材料裝載



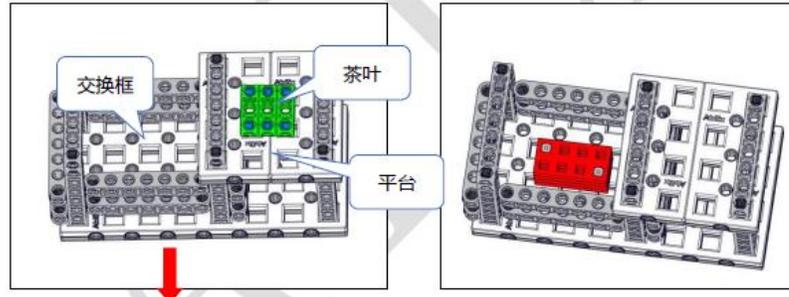
# VEEX IQ挑戰賽 小學/中學組競賽地圖



# WER賽 任務道具備註



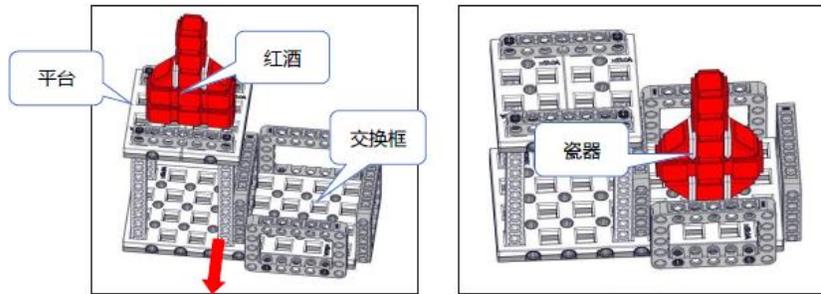
東方瓷器模型初始狀態與完成狀態



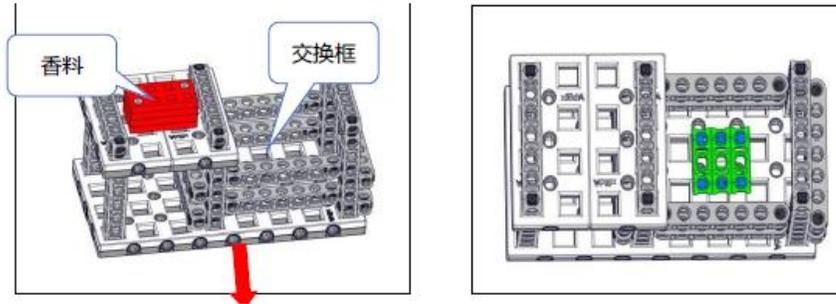
東方茶葉模型初始狀態與完成狀態



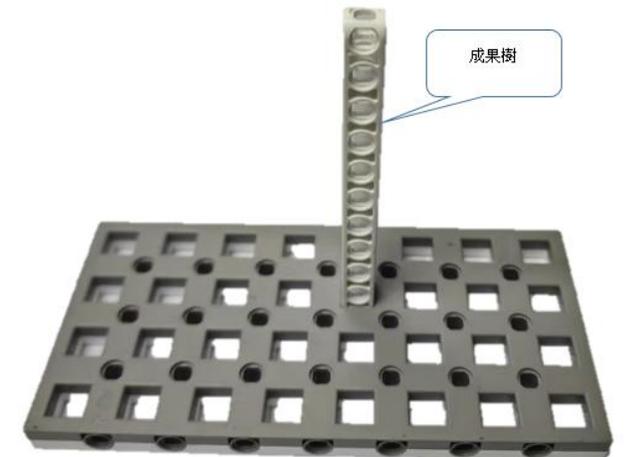
取得成果模型



西方紅酒模型初始狀態與完成狀態

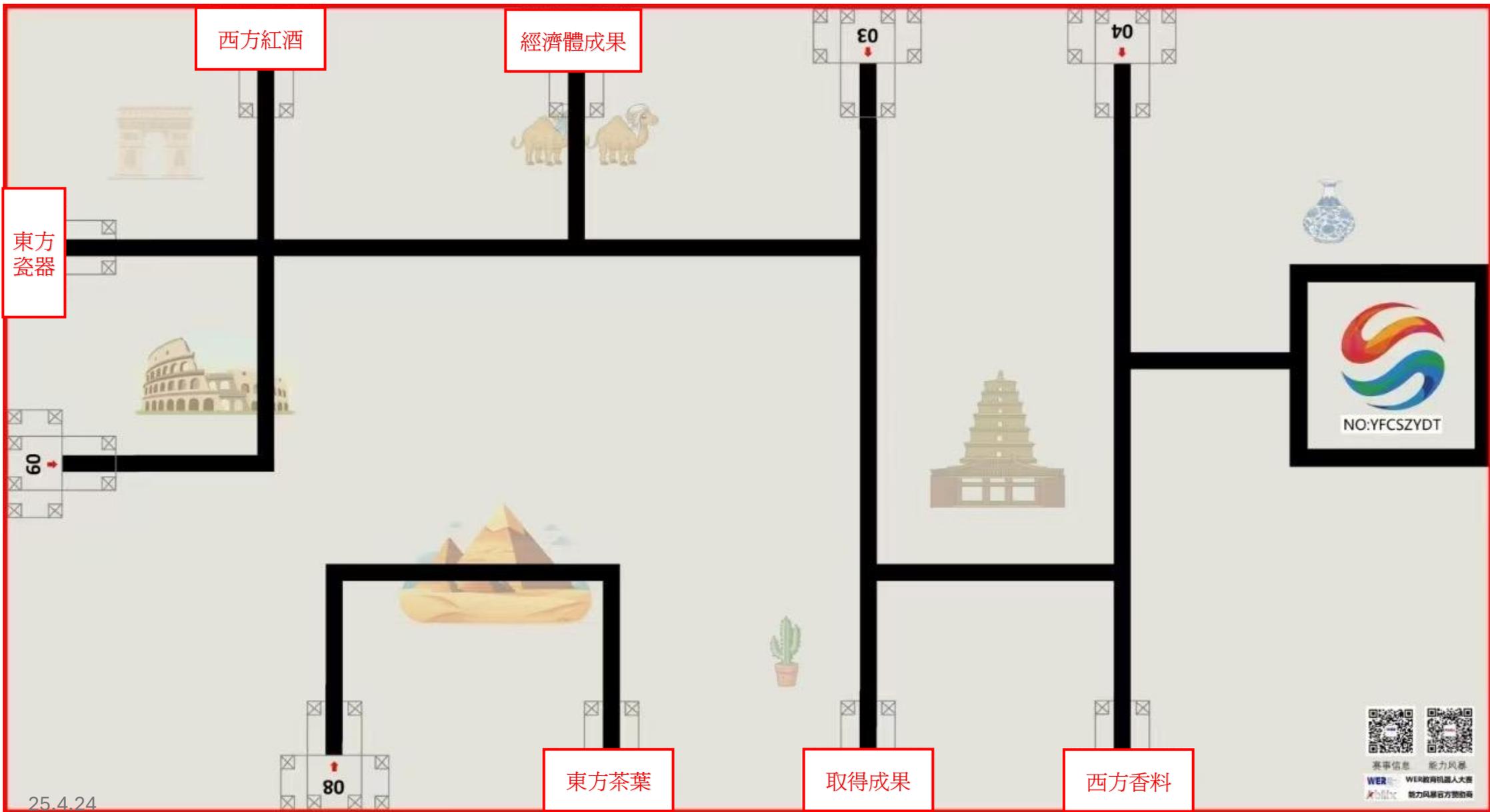


西方香料模型初始狀態與完成狀態

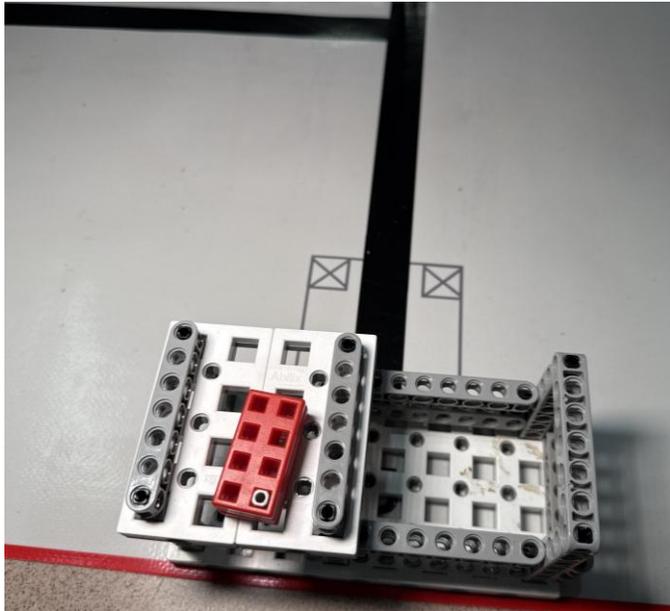


經濟體成果模型

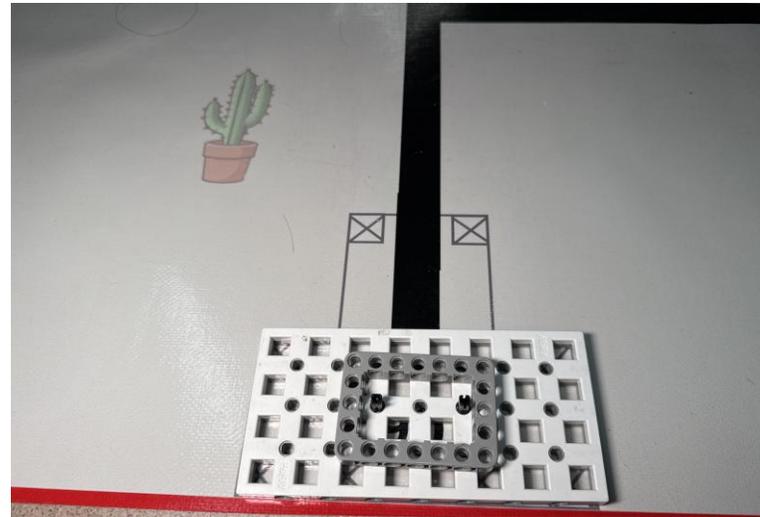
# WER賽 小學組競賽地圖



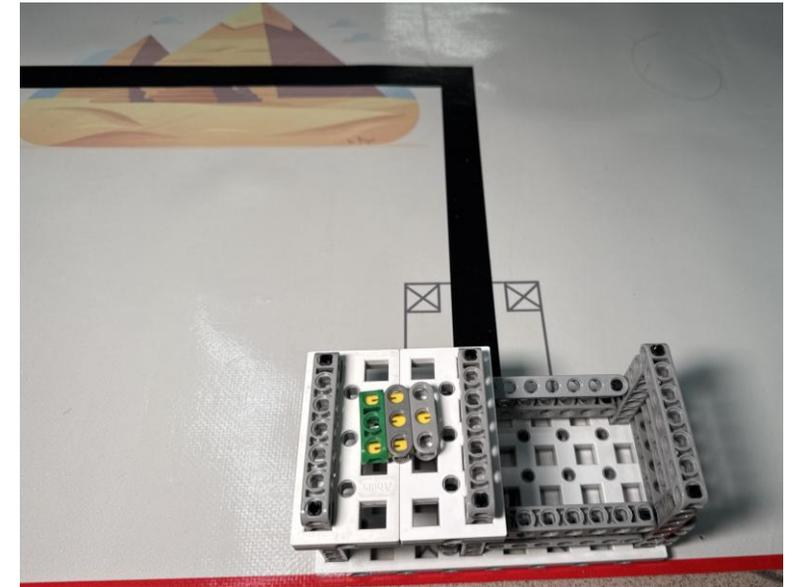
# WER賽 小學組競賽地圖



西方香料

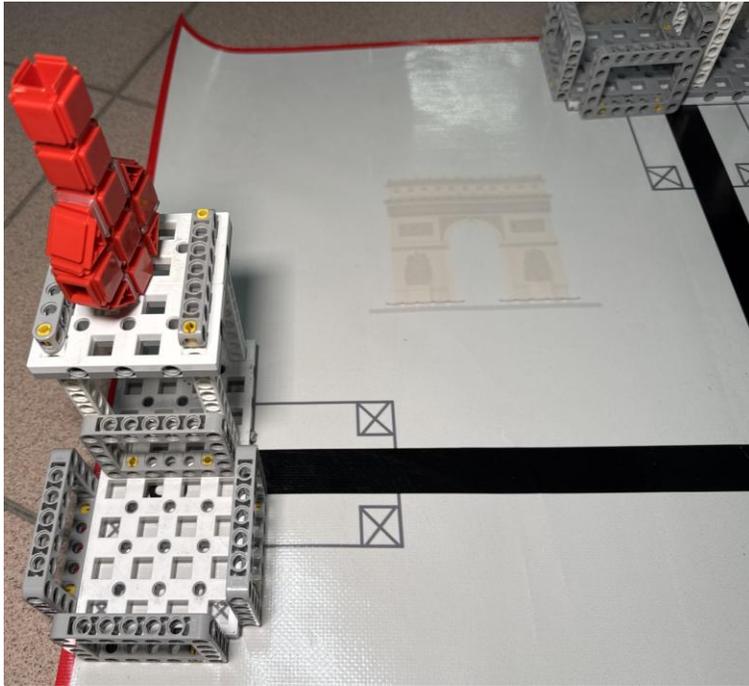


取得成果

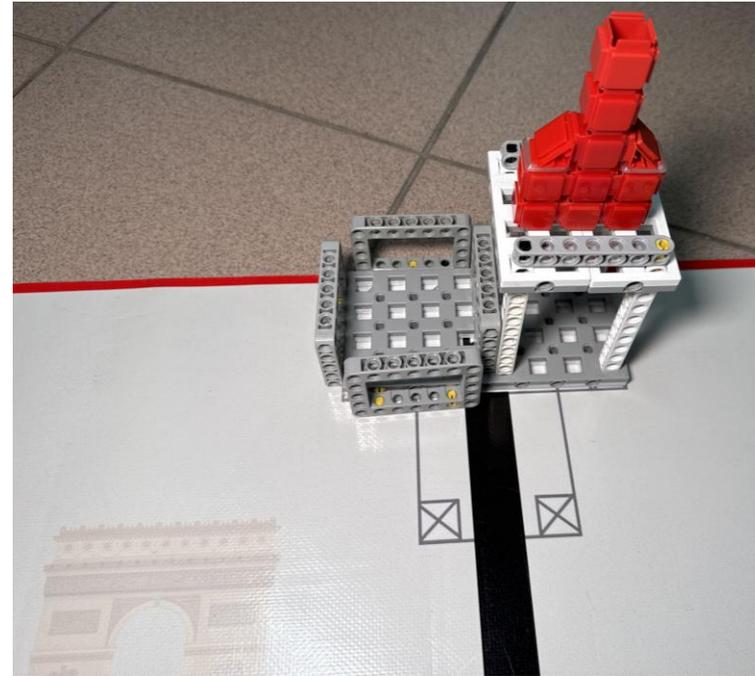


東方茶葉

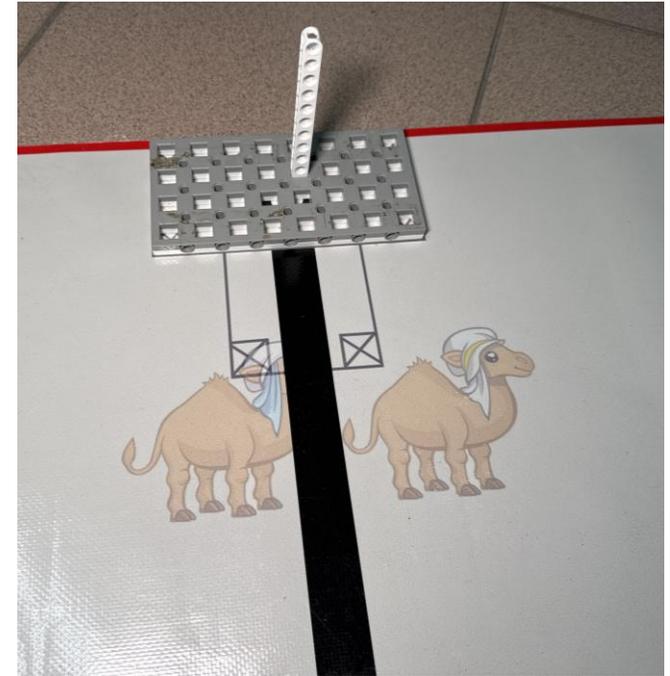
# WER賽 小學組競賽地圖



東方瓷器

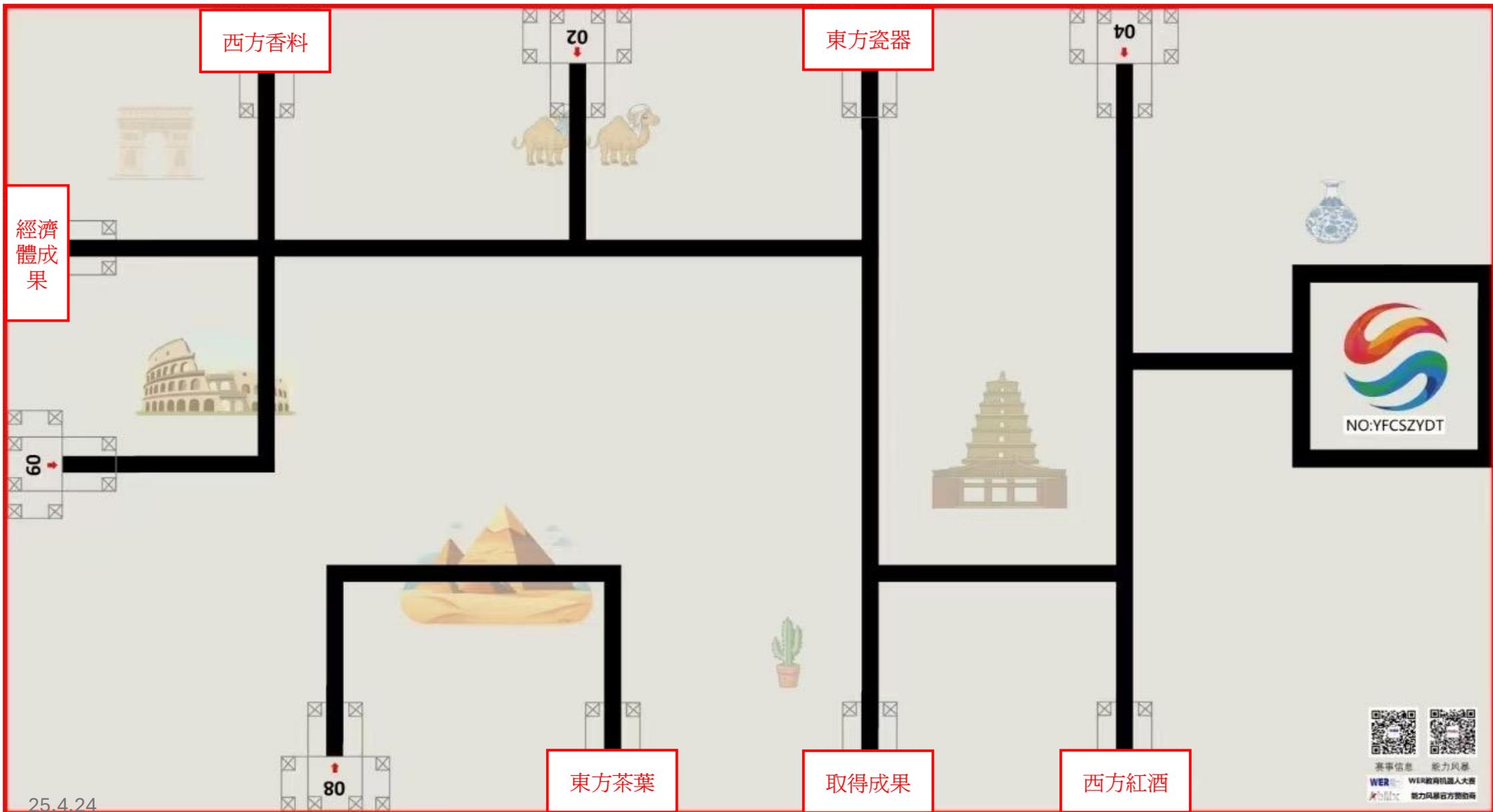


西方紅酒

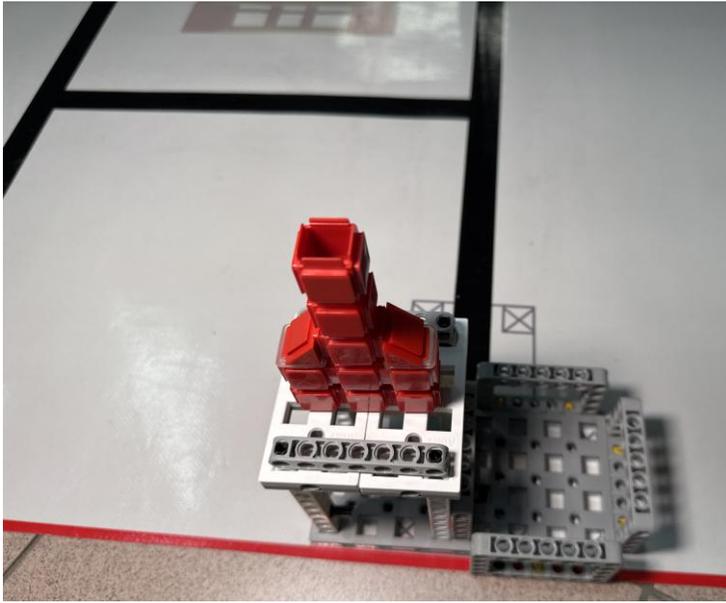


經濟體成果

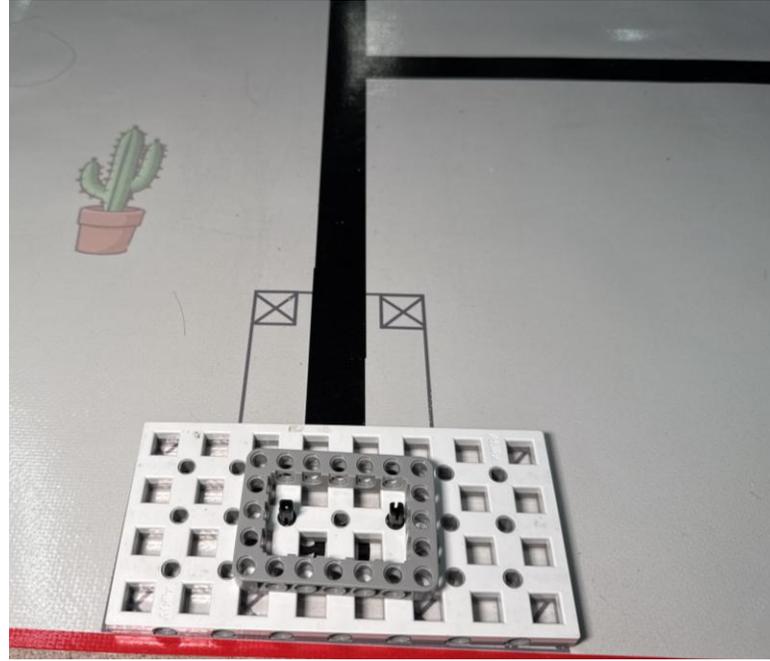
# WER賽 初中組競賽地圖



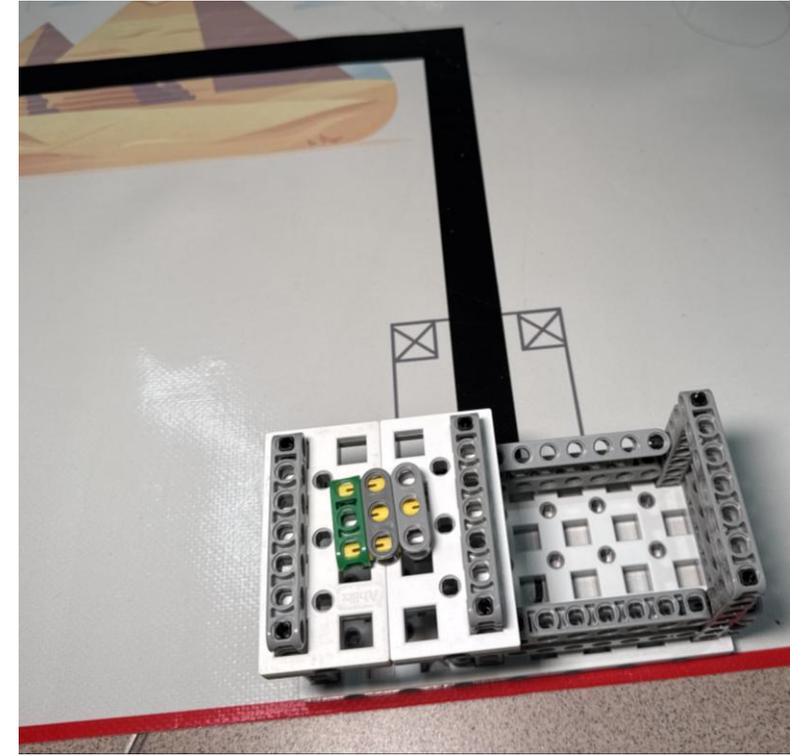
# WER賽 初中組競賽地圖



西方紅酒

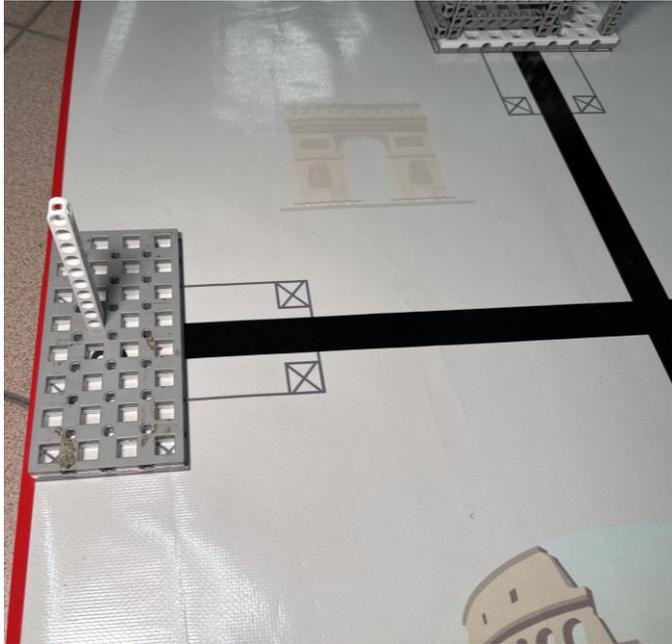


取得成果

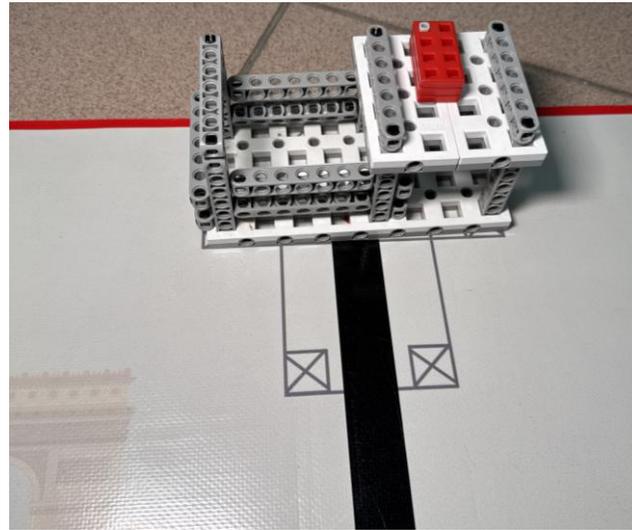


東方茶葉

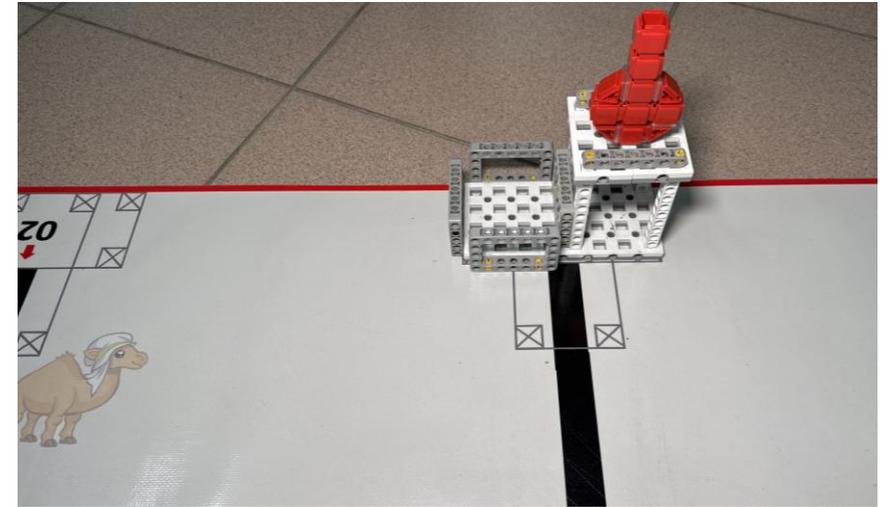
# WER賽 初中組競賽地圖



經濟體成果

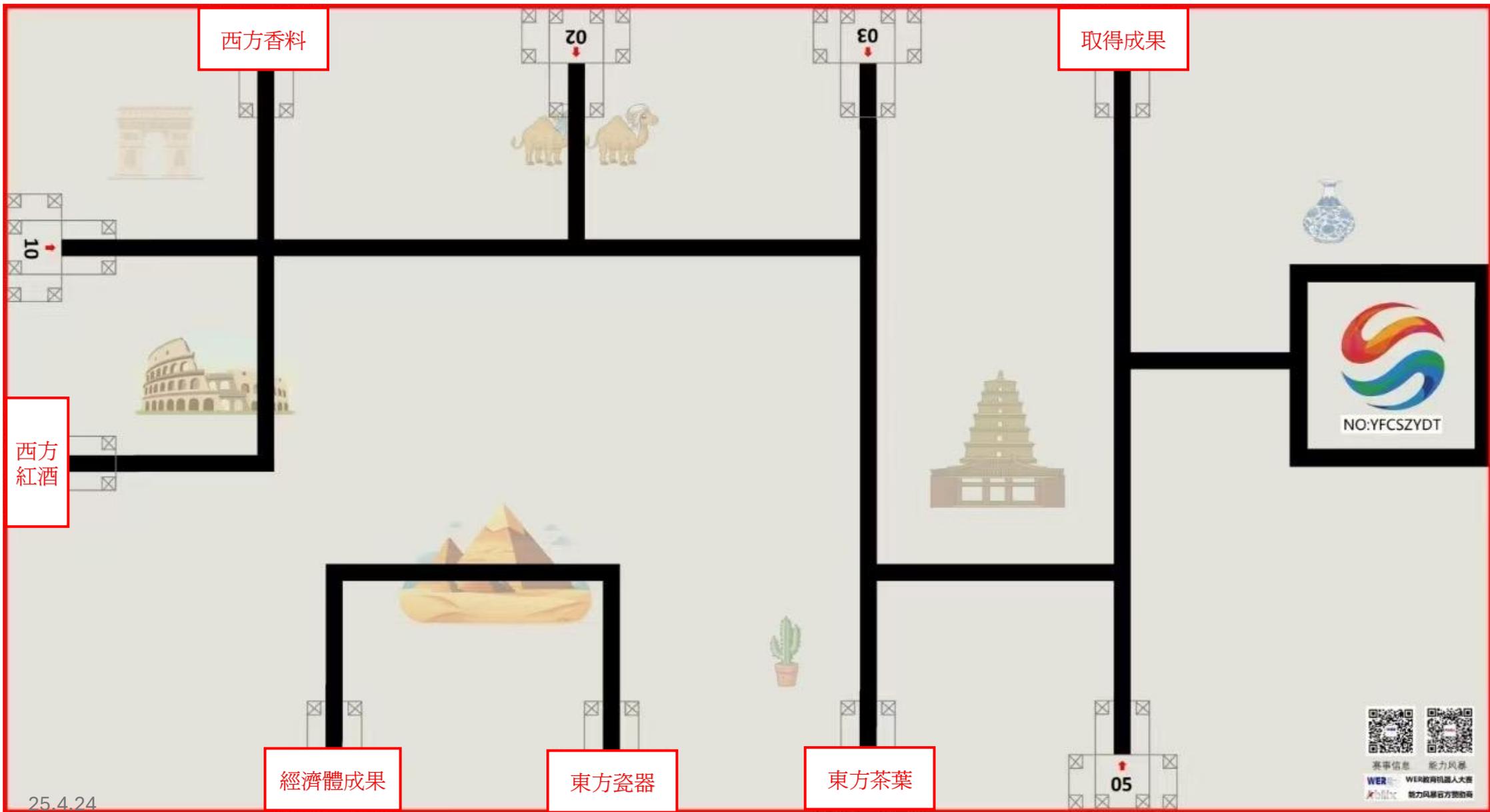


西方香料

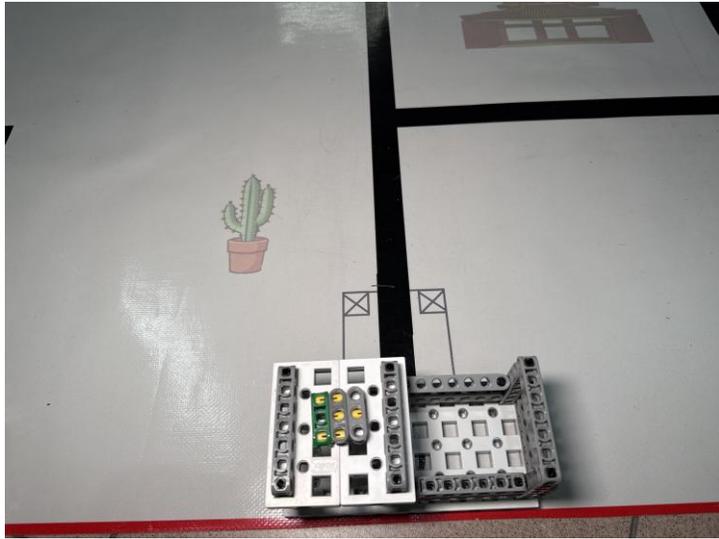


東方瓷器

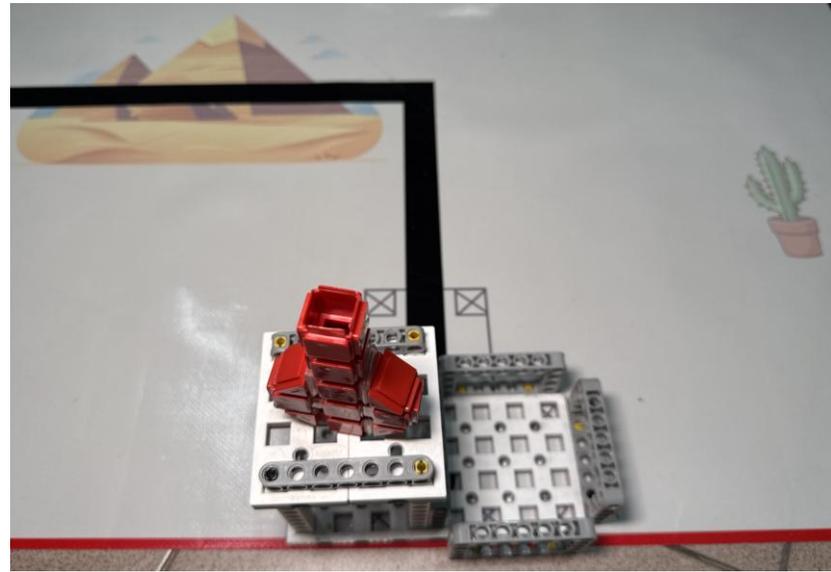
# WER賽 高中組競賽地圖



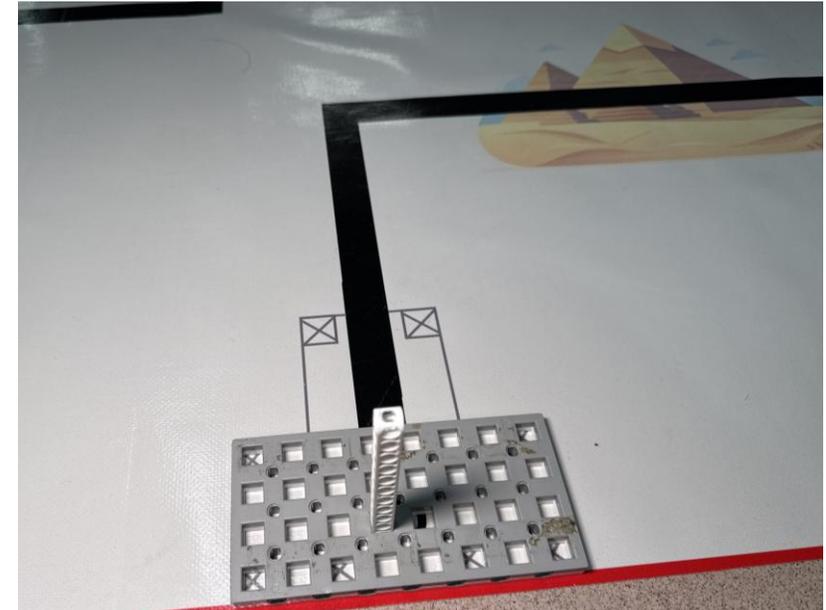
# WER賽 高中組競賽地圖



東方茶葉

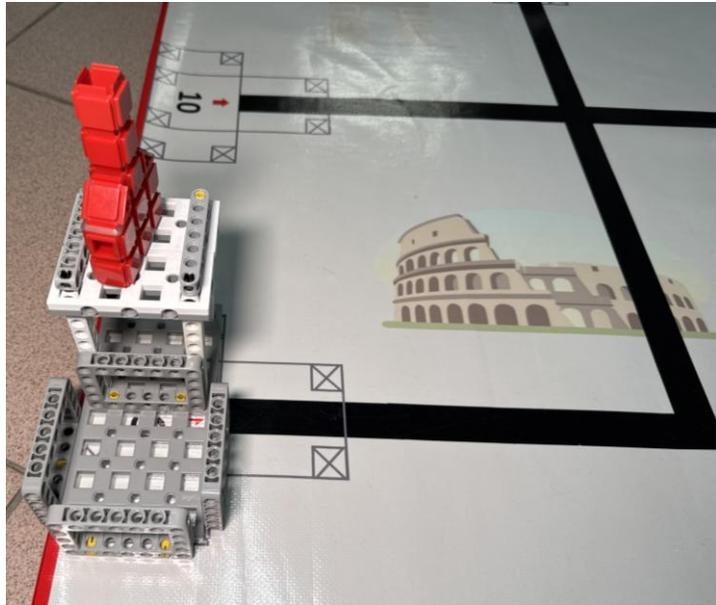


東方瓷器

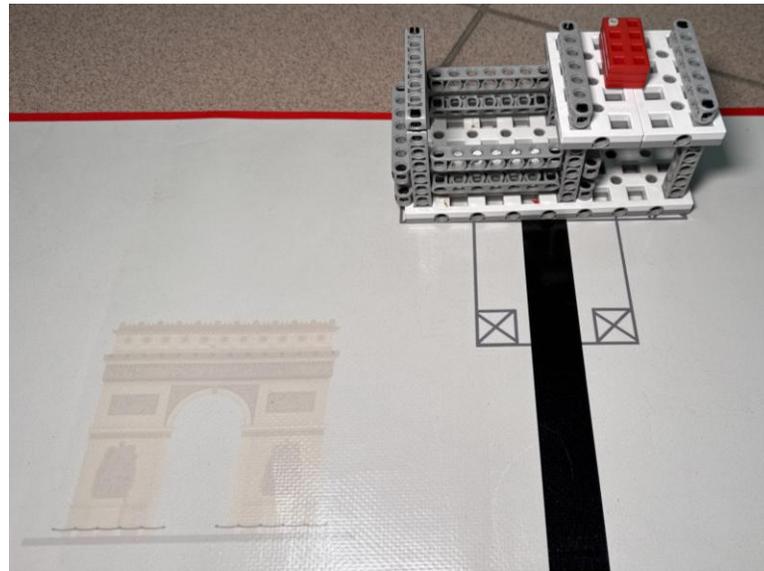


經濟體成果

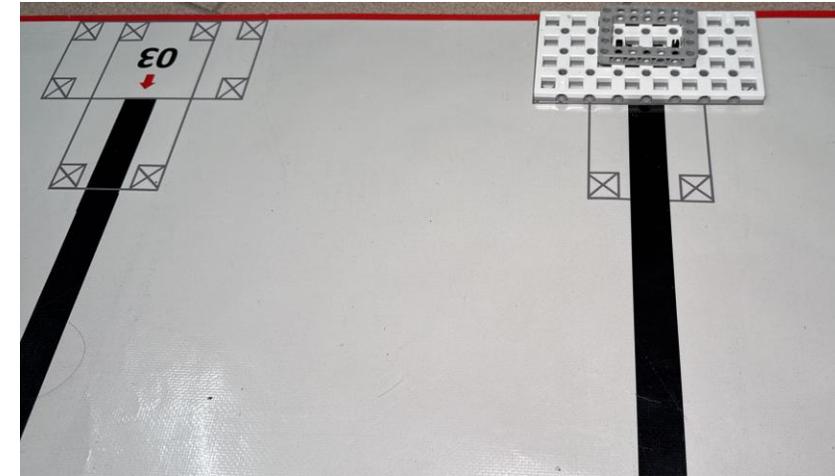
# WER賽 高中組競賽地圖



西方紅酒

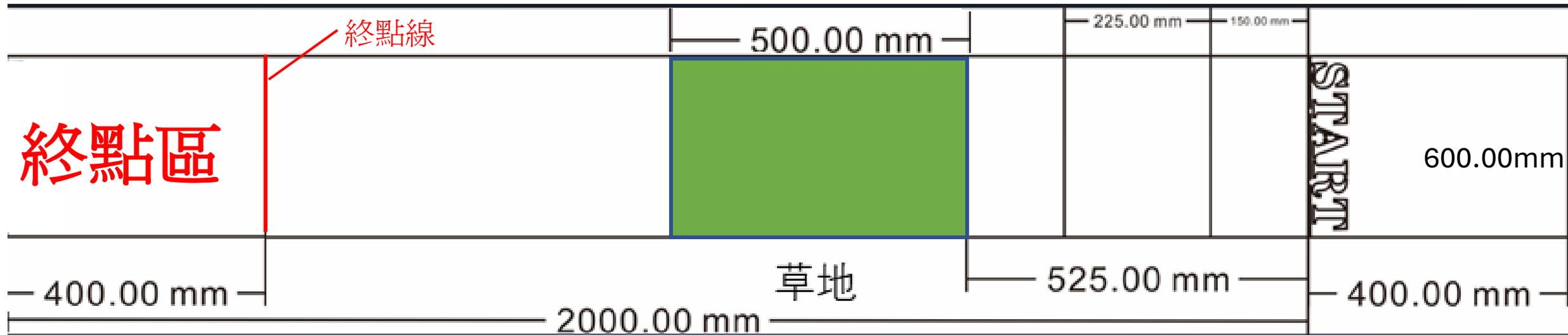


西方香料



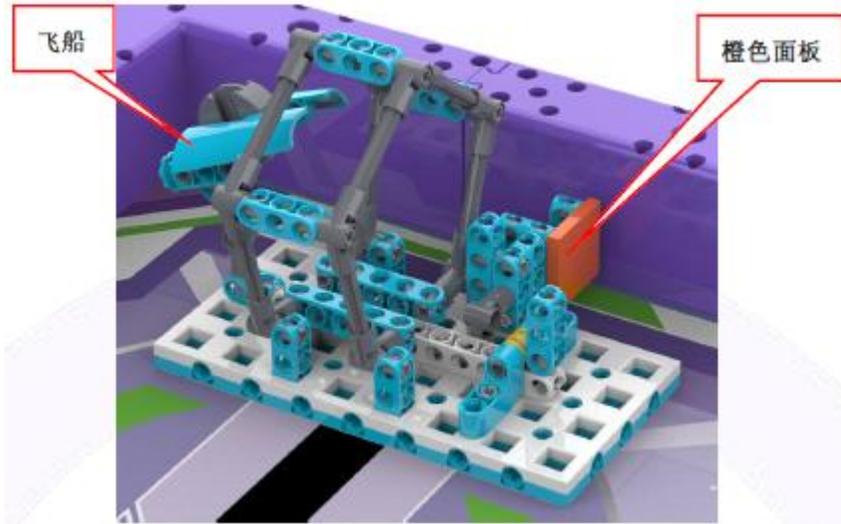
取得成果

# 多足機械人短跑/ C型二足機械人短跑/ 重心二足機械人短跑 中學組競賽地圖

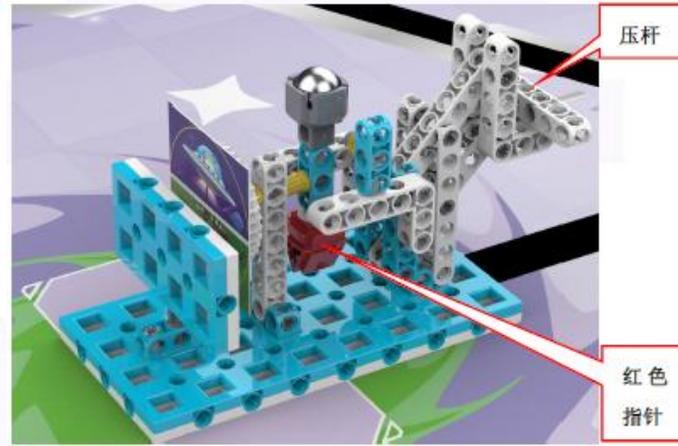


雙面膠固定草地

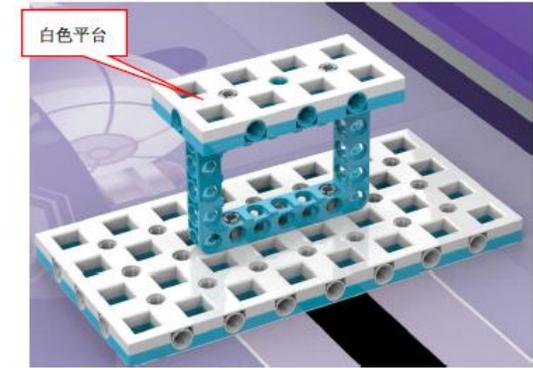
# ENJOY AI賽 任務道具備註



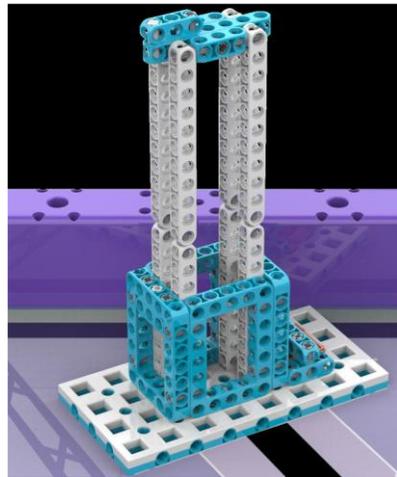
空間跳躍模形



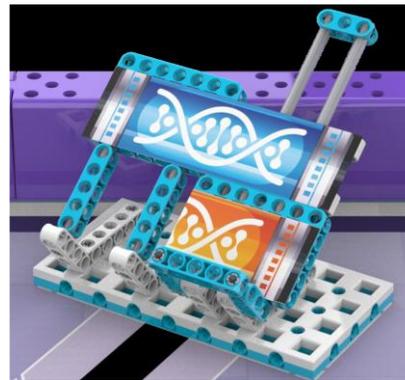
時間穿越模形



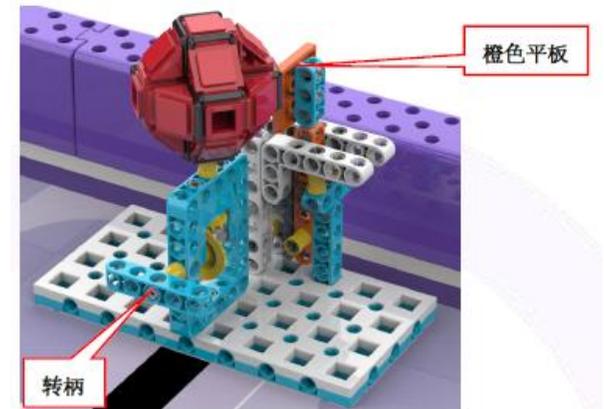
生態培育模形



太空電梯模形

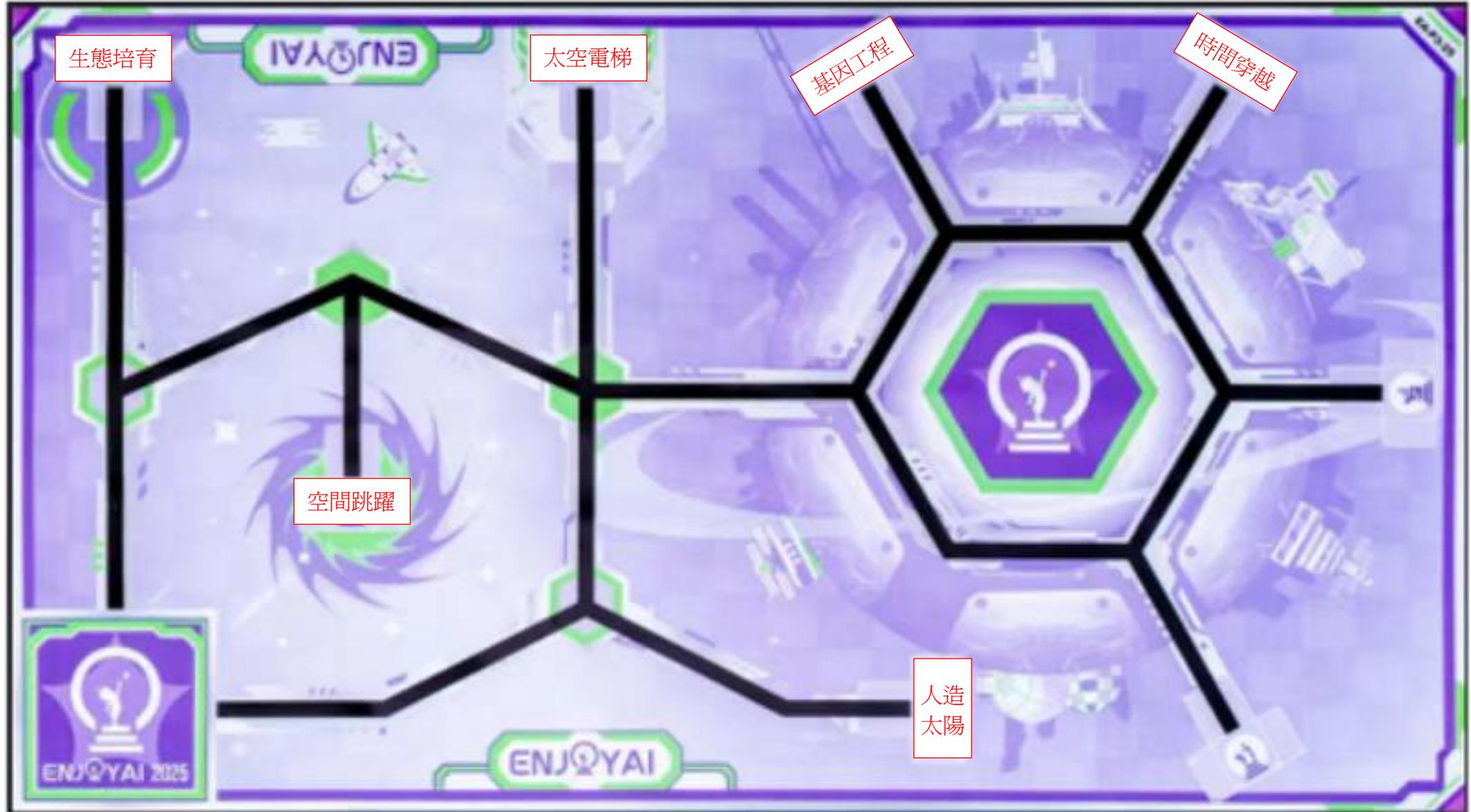


基因工程模形



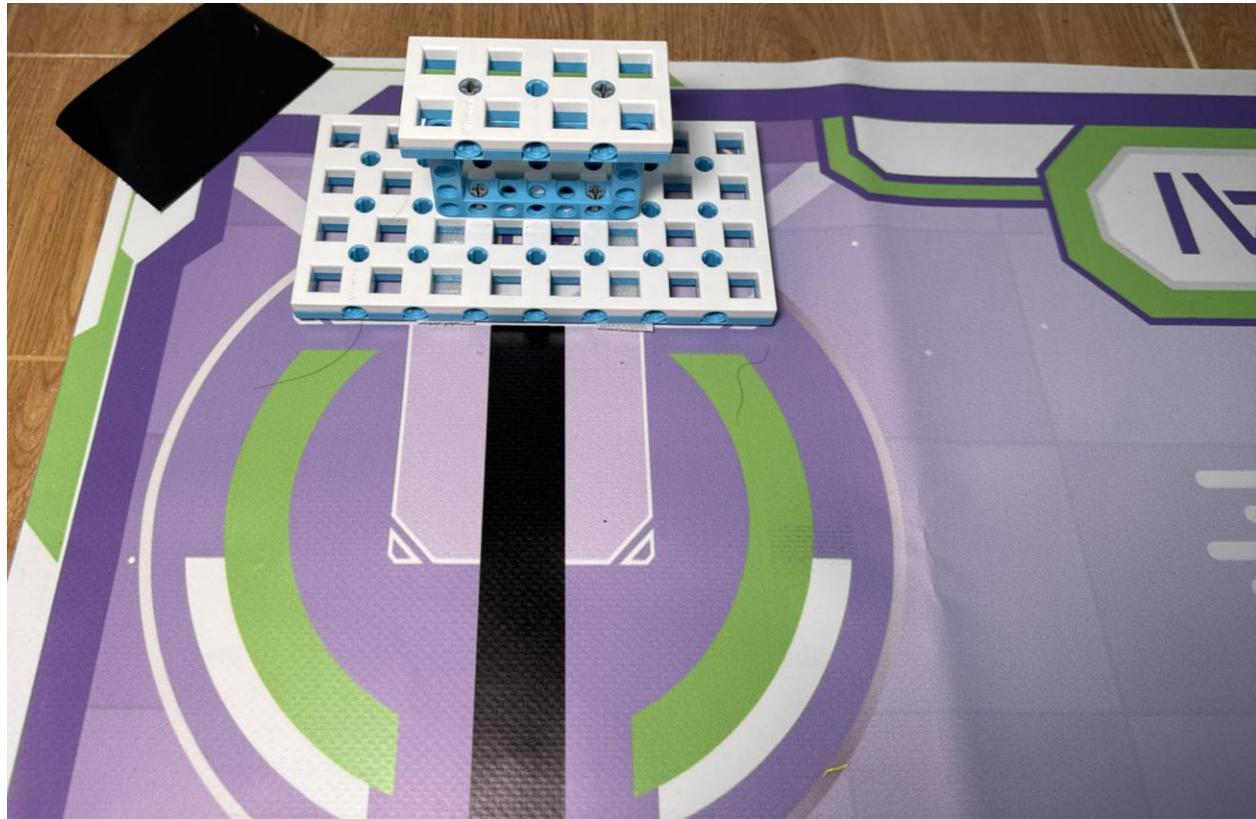
人造太陽模形

# ENJOY AI賽 小學組競賽地圖

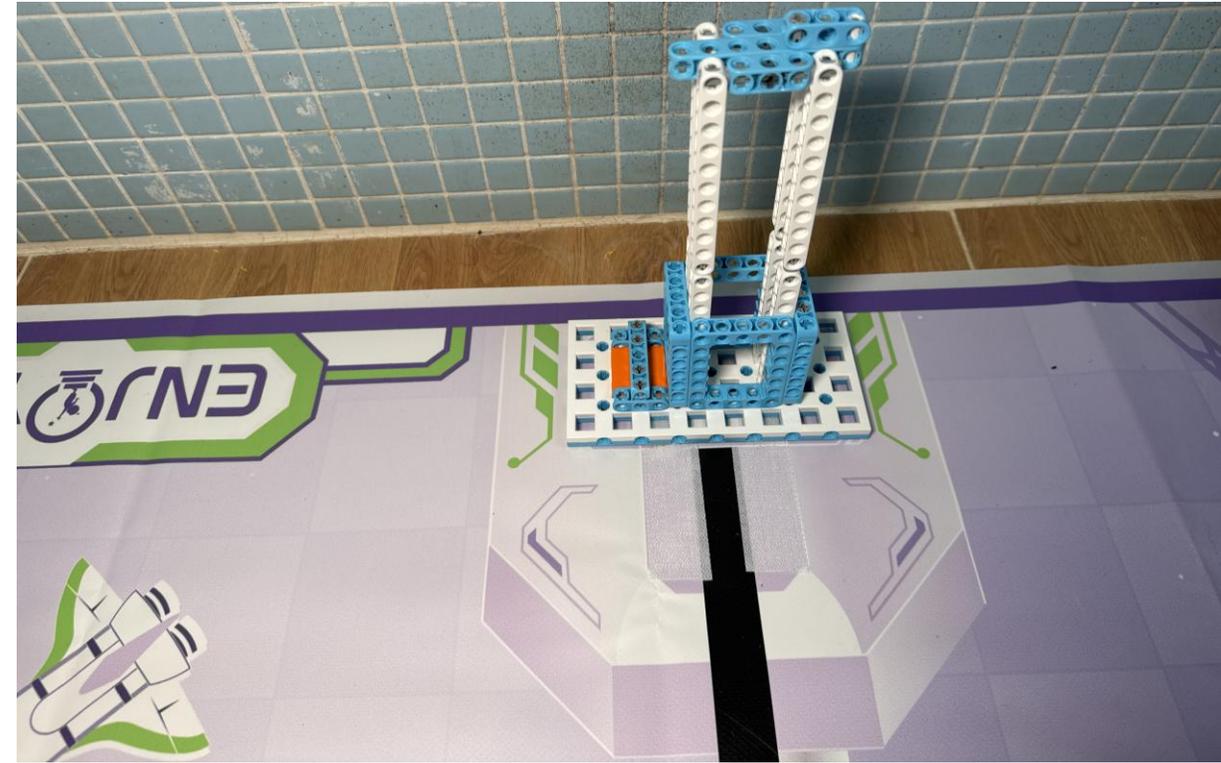


# ENJOY AI賽 小學組競賽地圖

生態培育

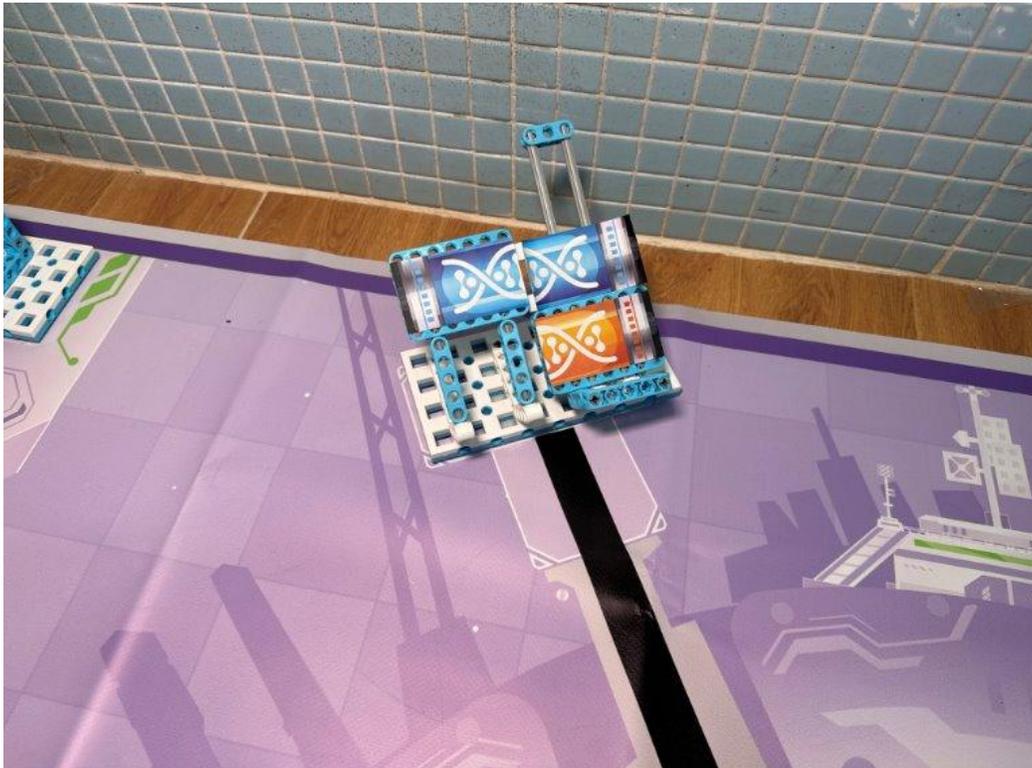


太空電梯

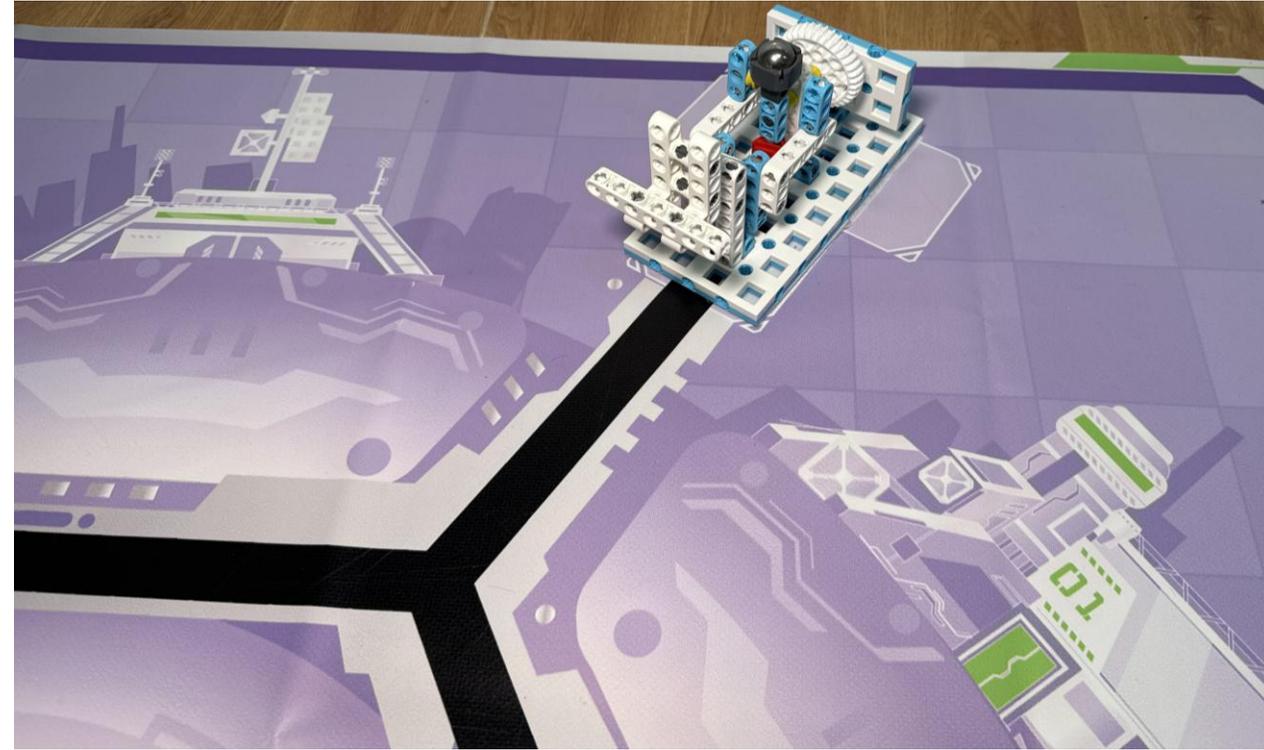


# ENJOY AI賽 小學組競賽地圖

基因工程



時間穿越

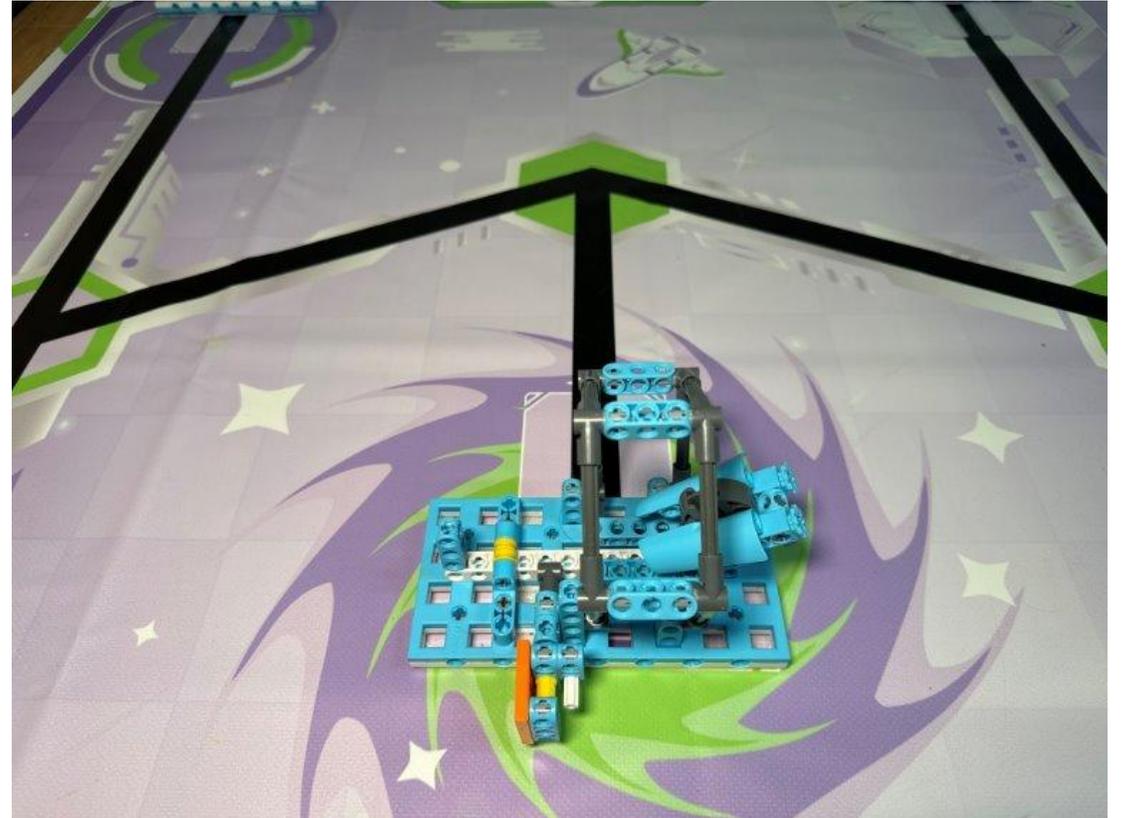


# ENJOY AI賽 小學組競賽地圖

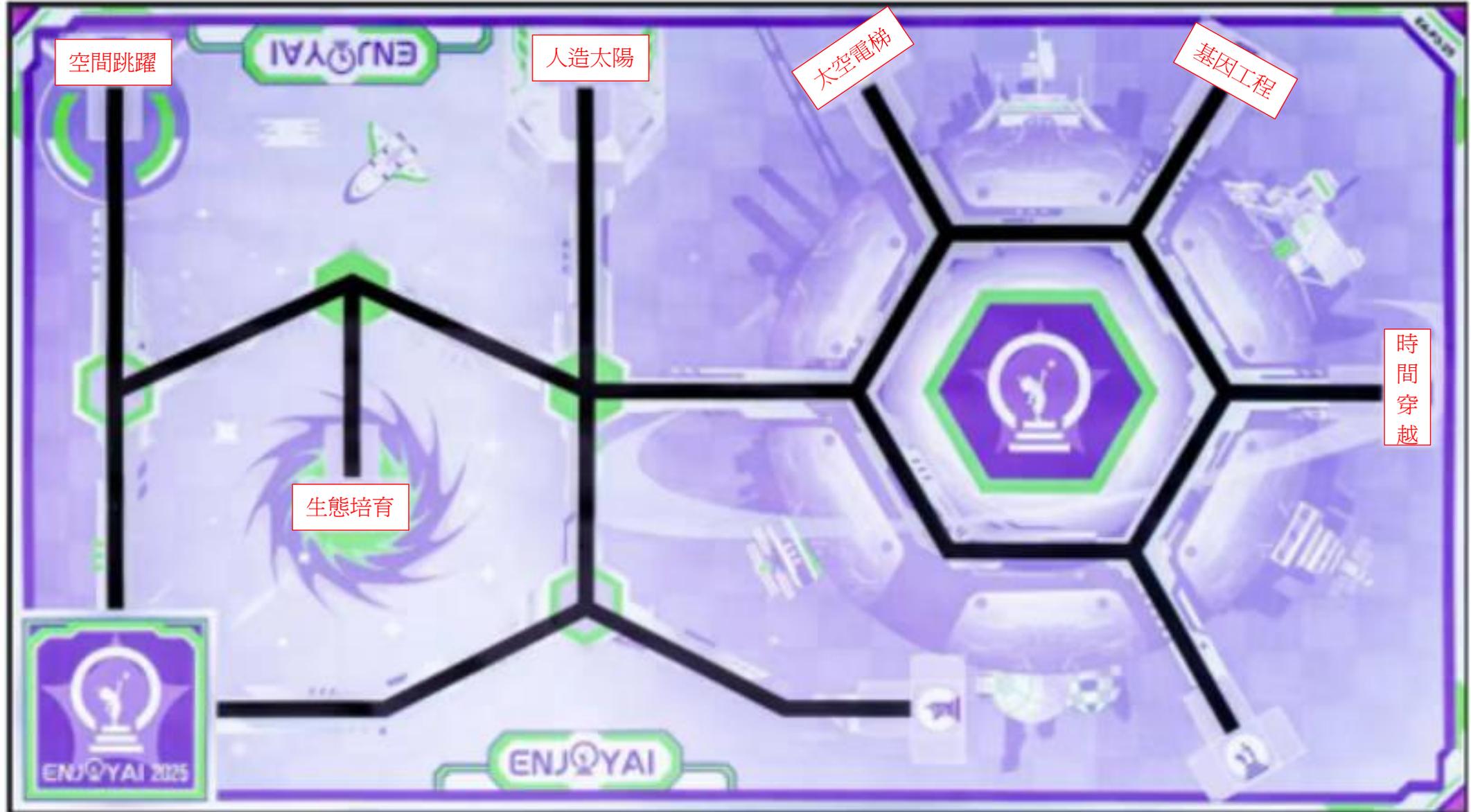
人造太陽



空間跳躍

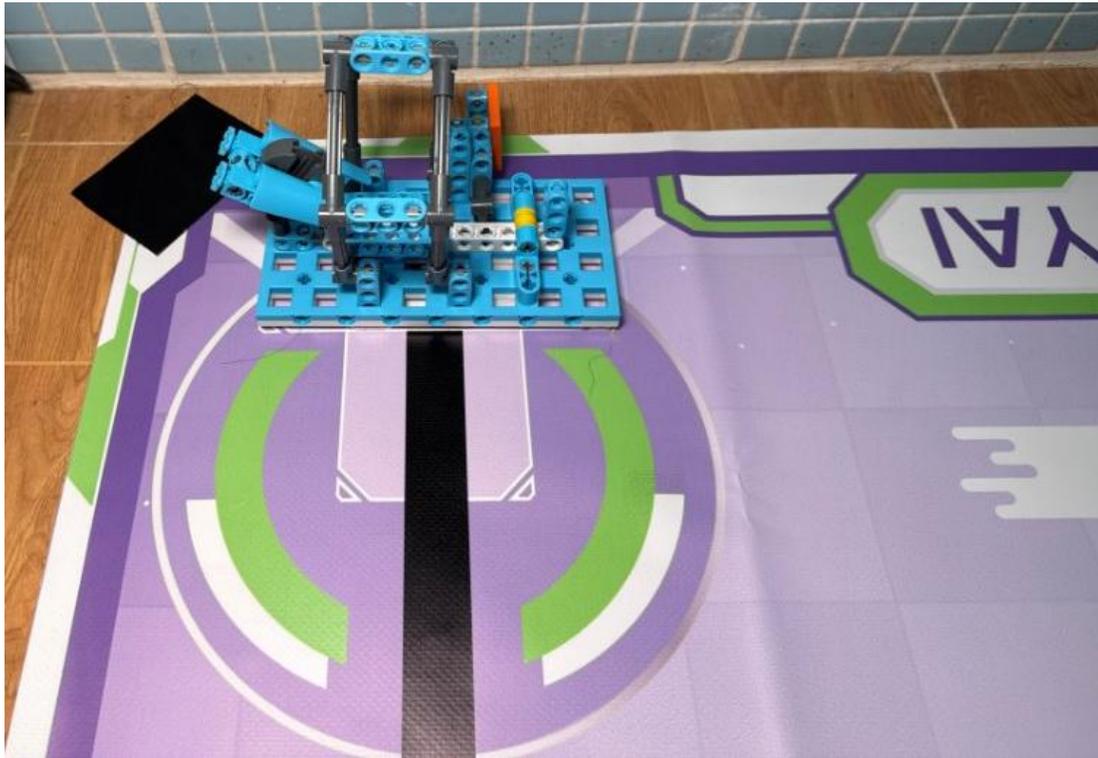


# ENJOY AI賽 初中組競賽地圖

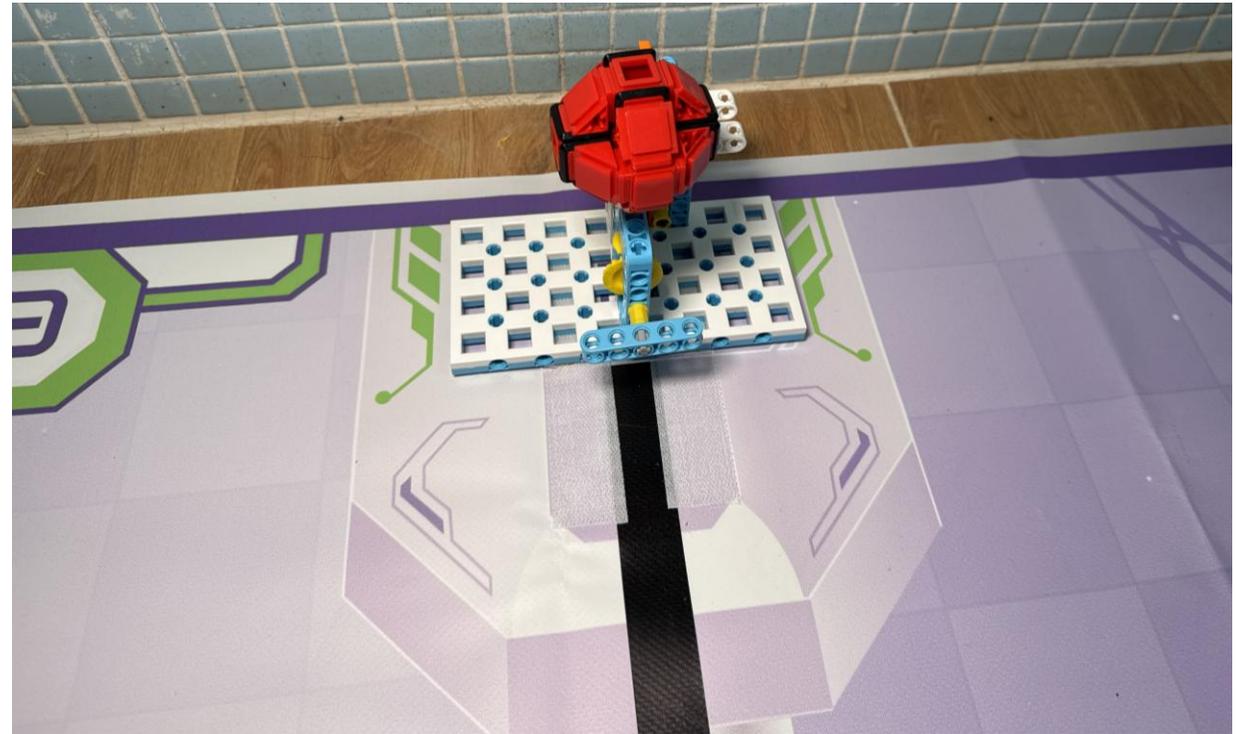


# ENJOY AI賽 初中組競賽地圖

空間跳躍

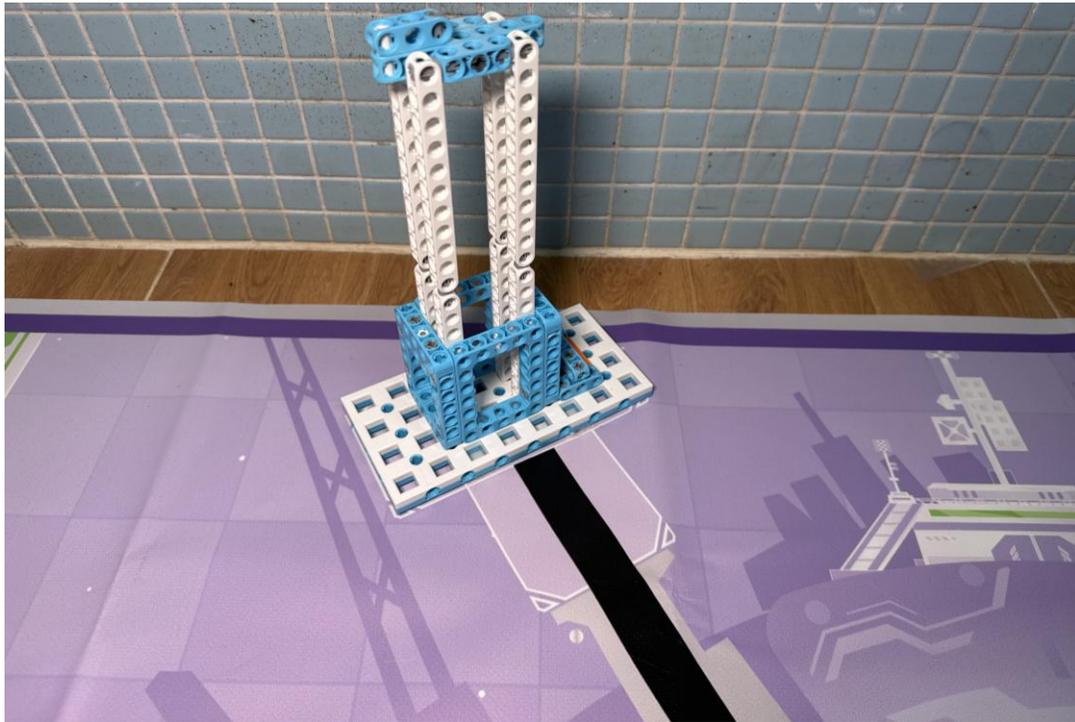


人造太陽

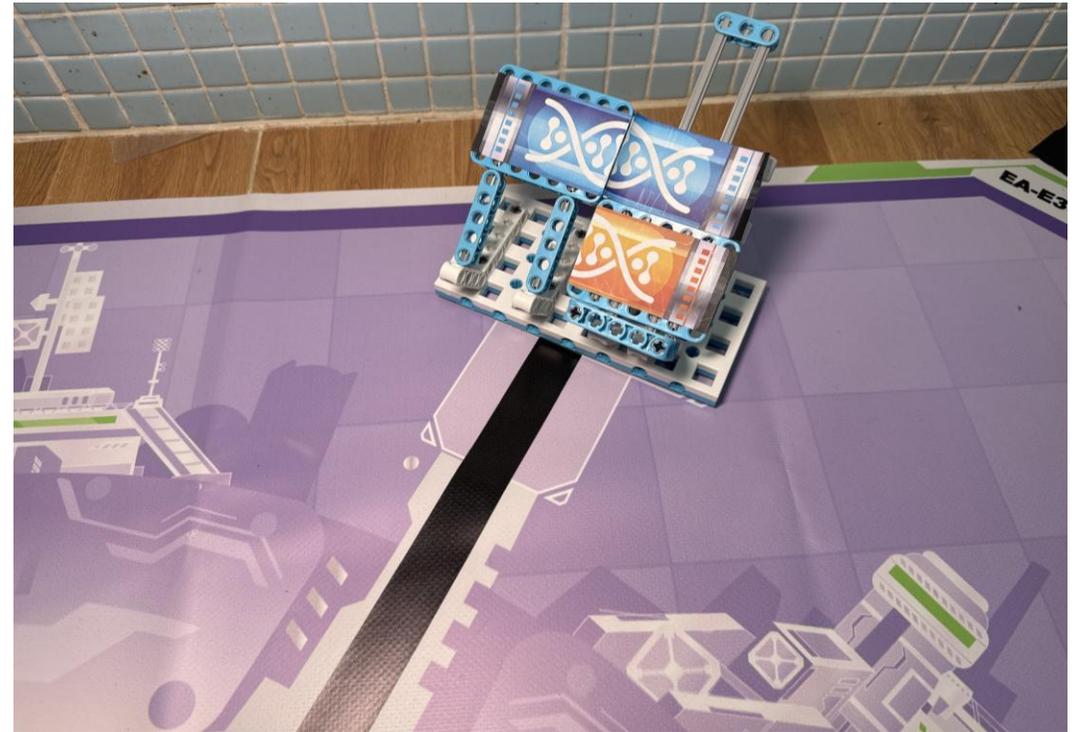


# ENJOY AI賽 初中組競賽地圖

太空電梯



基因工程

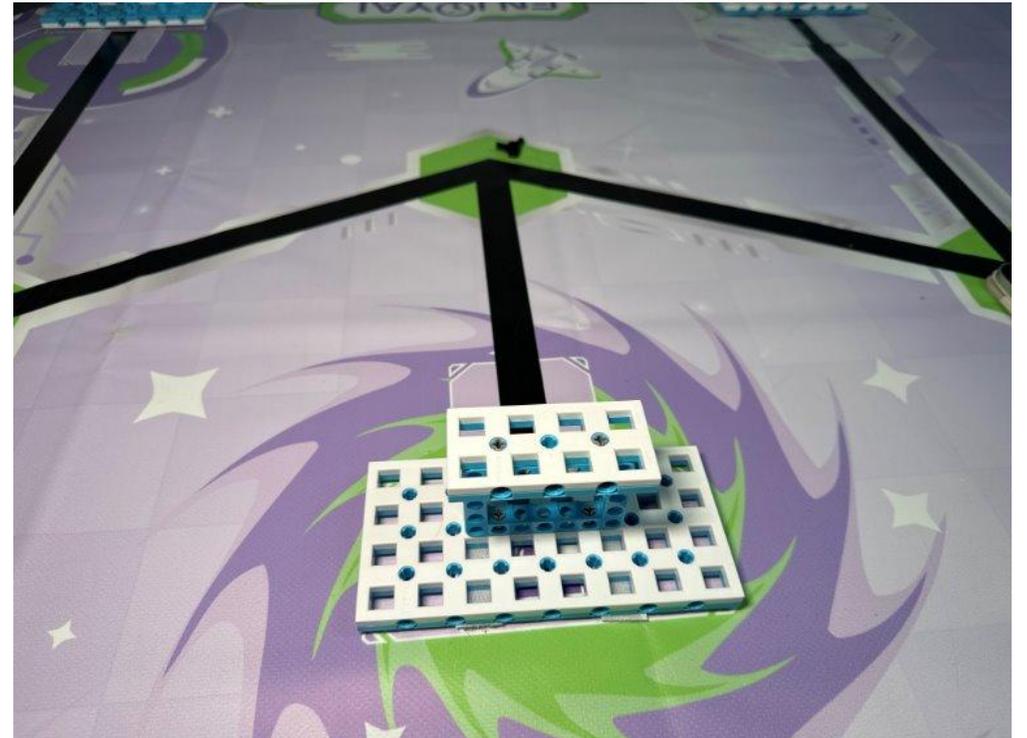


# ENJOY AI賽 初中組競賽地圖

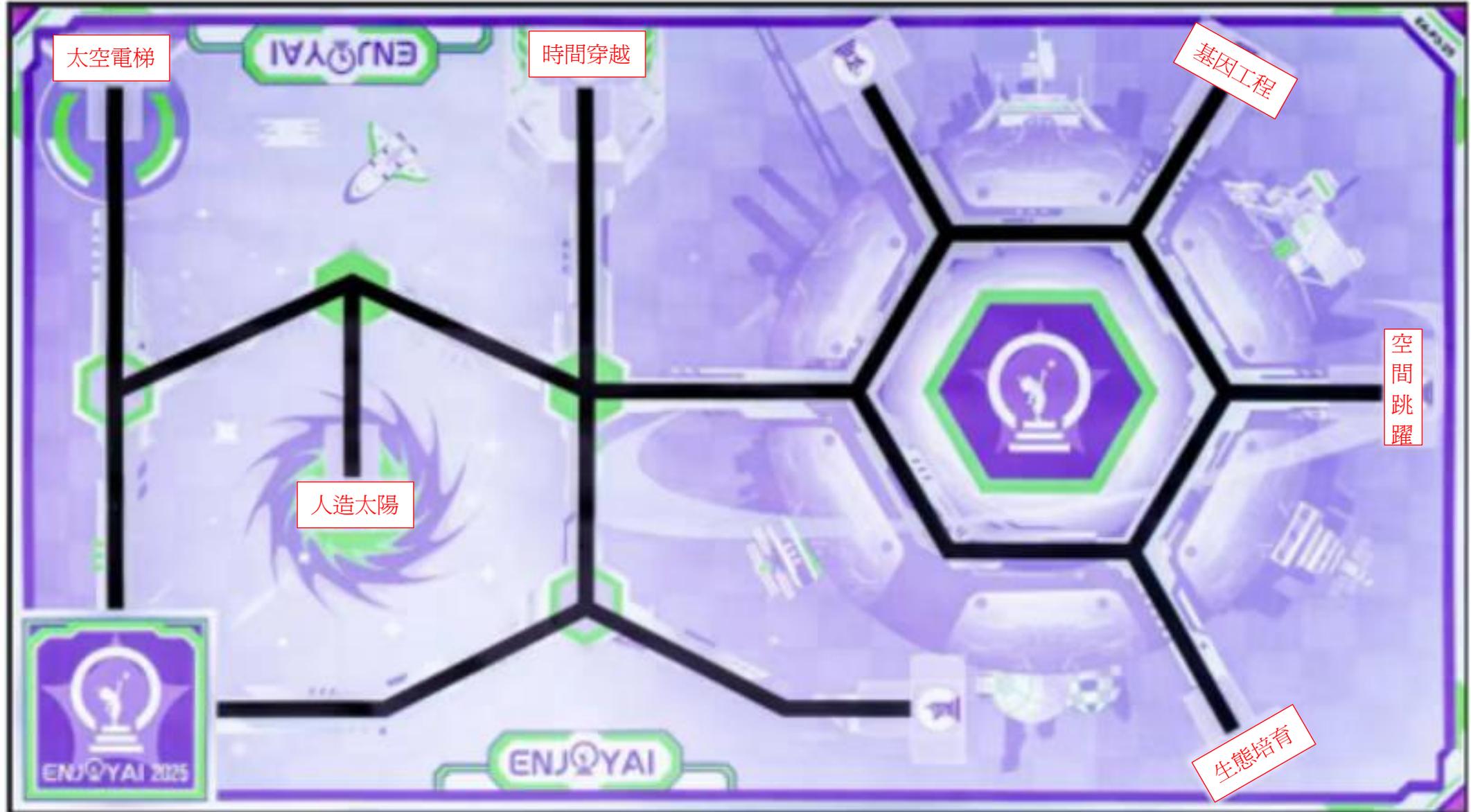
時間穿越



生態培育



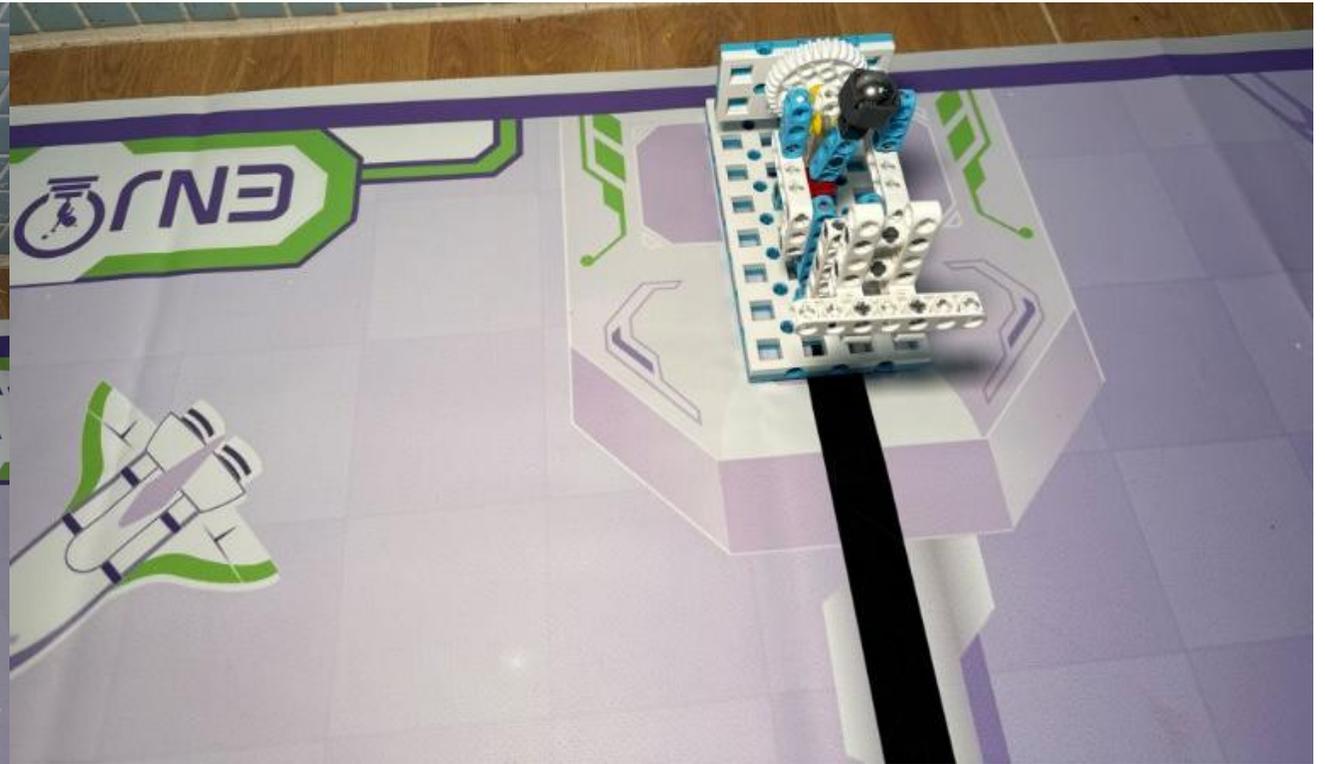
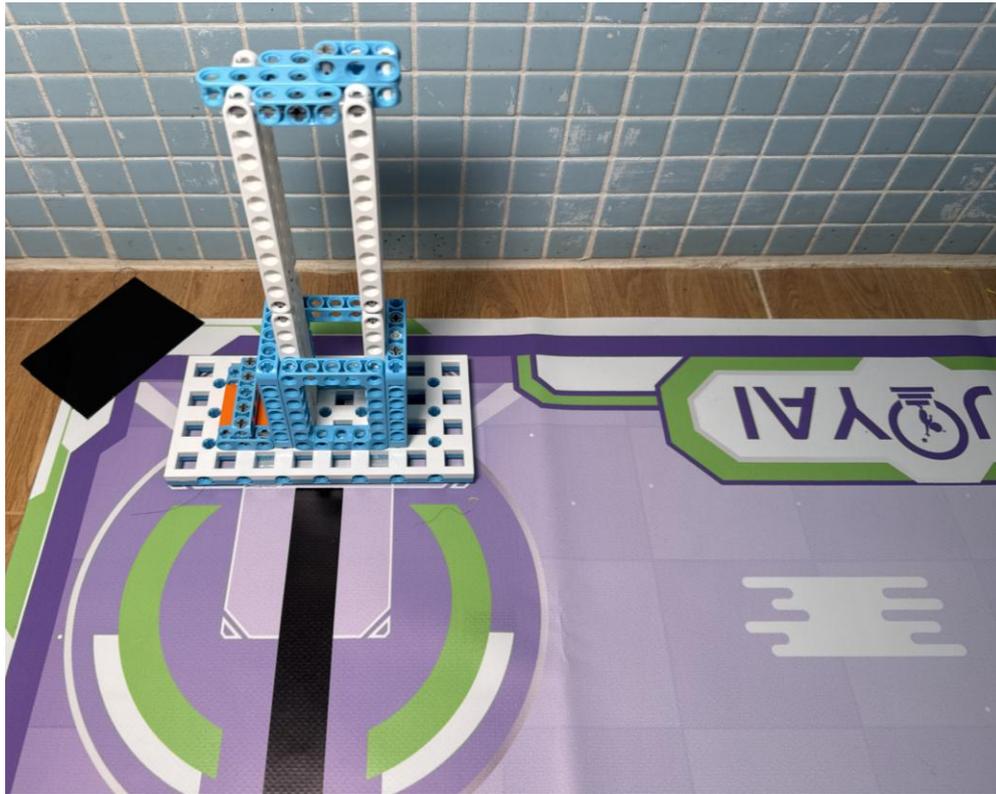
# ENJOY AI賽 高中組競賽地圖



# ENJOY AI賽 高中組競賽地圖

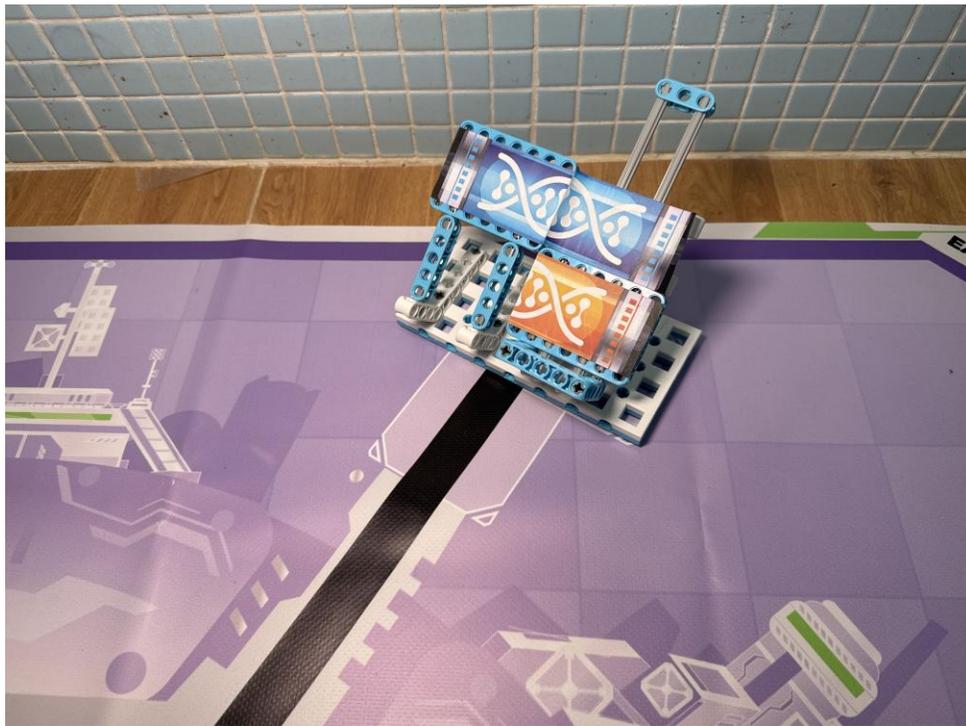
太空電梯

時間穿越

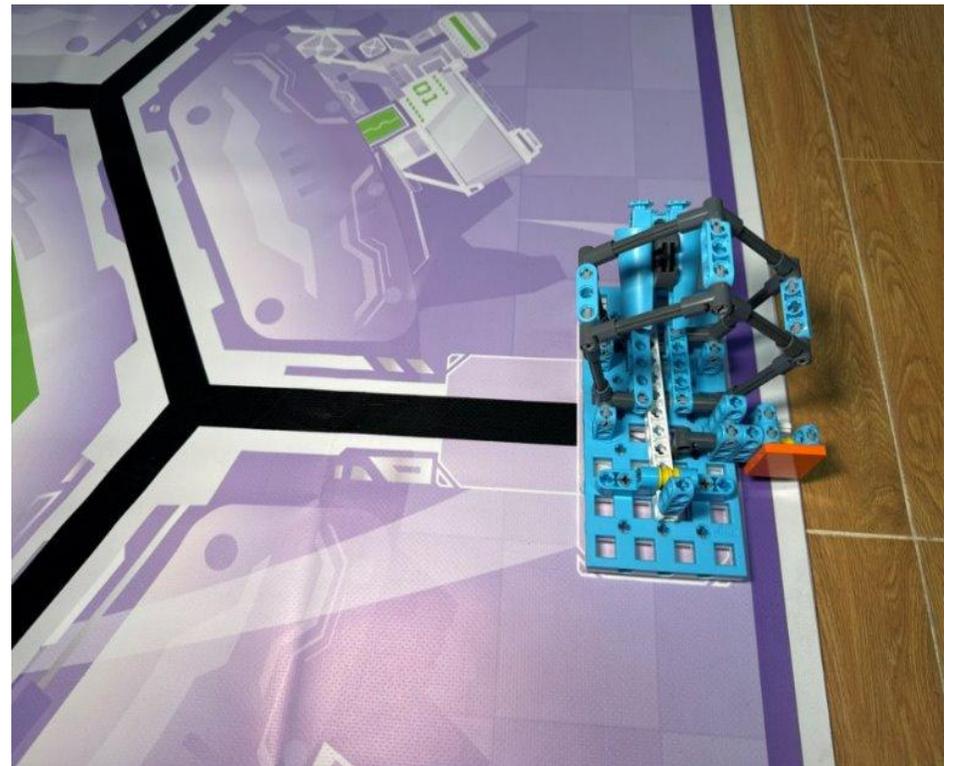


# ENJOY AI賽 高中組競賽地圖

基因工程

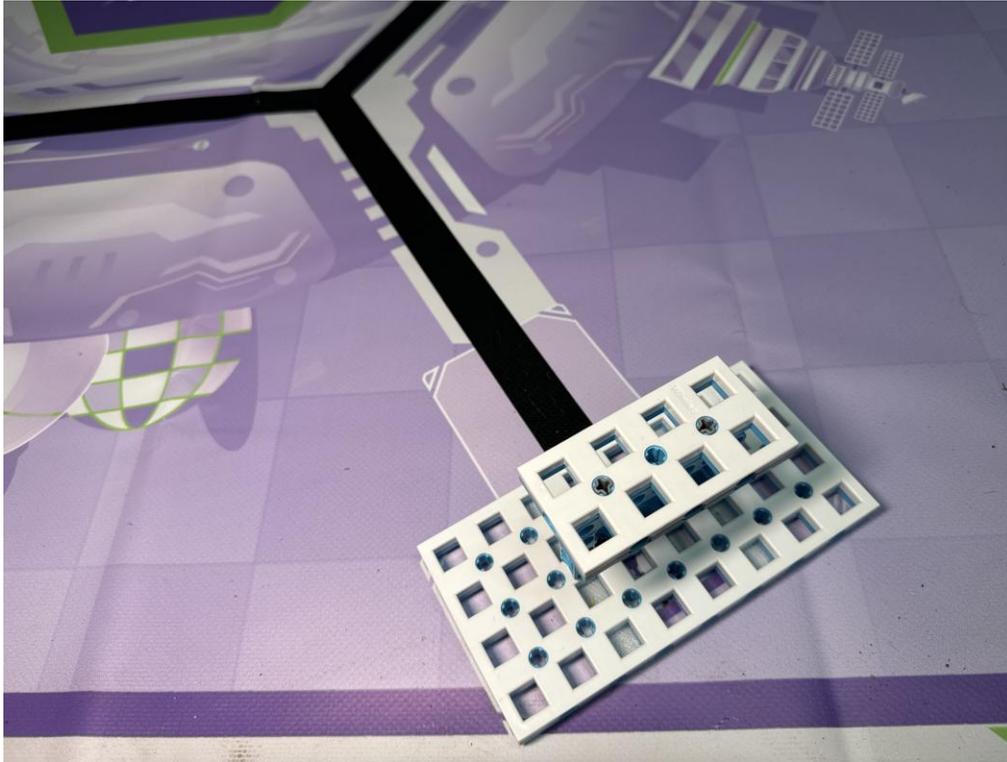


空間跳躍

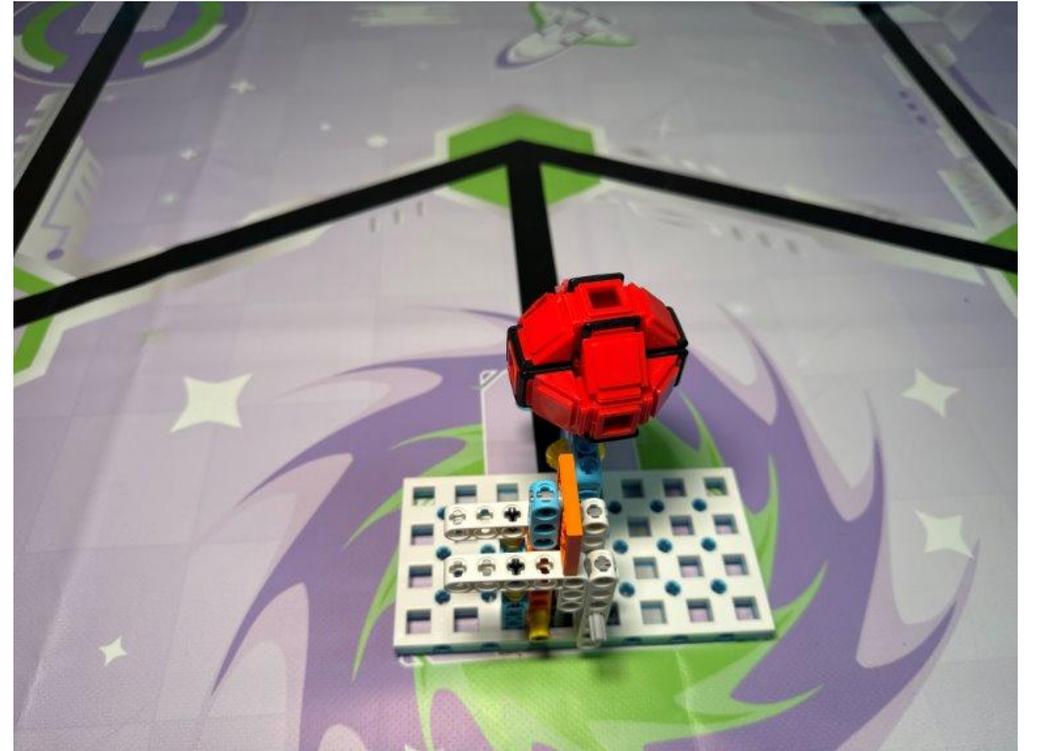


# ENJOY AI賽 高中組競賽地圖

生態培育



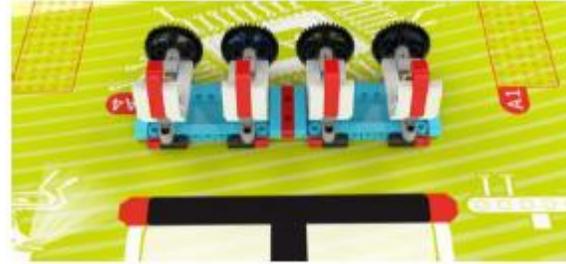
人造太陽



# 機器人工程設計賽 任務道具備註



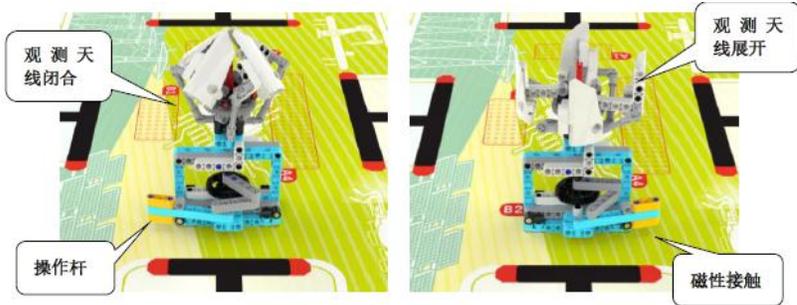
產業轉型模型初始狀態與完成狀態



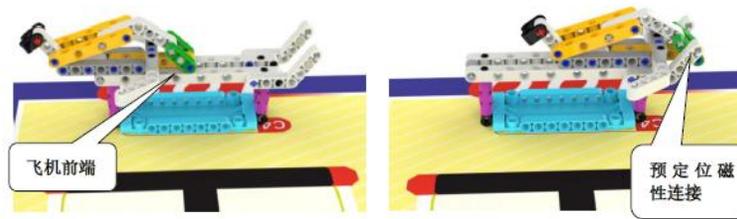
產業落地模型初始狀態



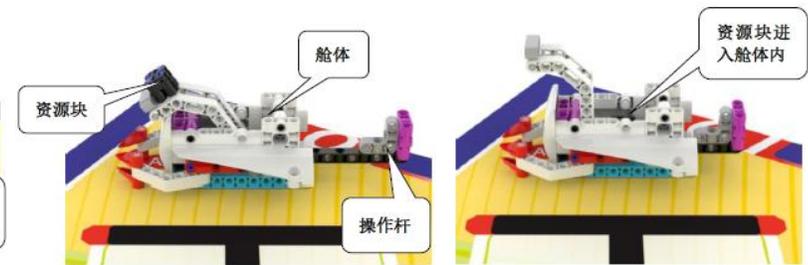
無人駕駛模型初始狀態與完成狀態



空天觀測模型初始狀態與完成狀態



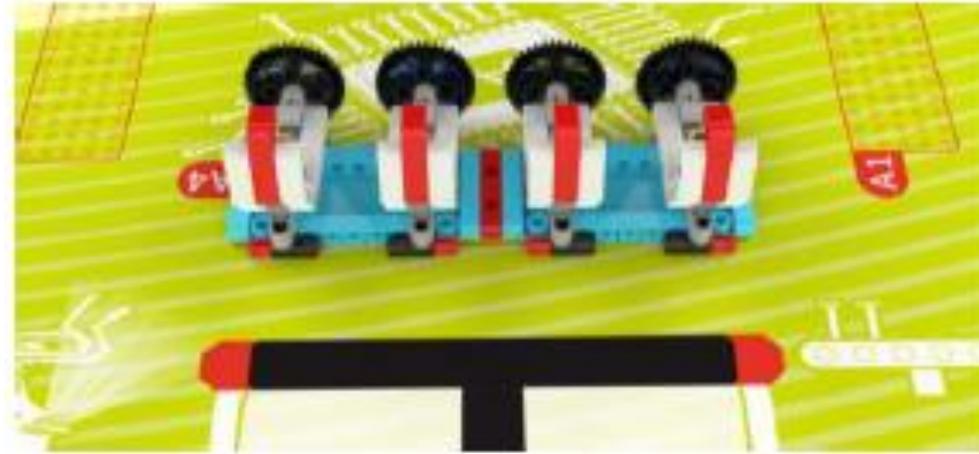
低空經濟模型初始狀態與完成狀態



深海挖掘模型初始狀態與完成狀態

# 機器人工程設計賽 任務道具備註

從左至右（引導線方向，如圖）  
藍色“資訊”、紅色“晶片”、黃色“汽車”、綠色“環保”



產業落地模型

# 機器人工程設計賽 小學組競賽地圖

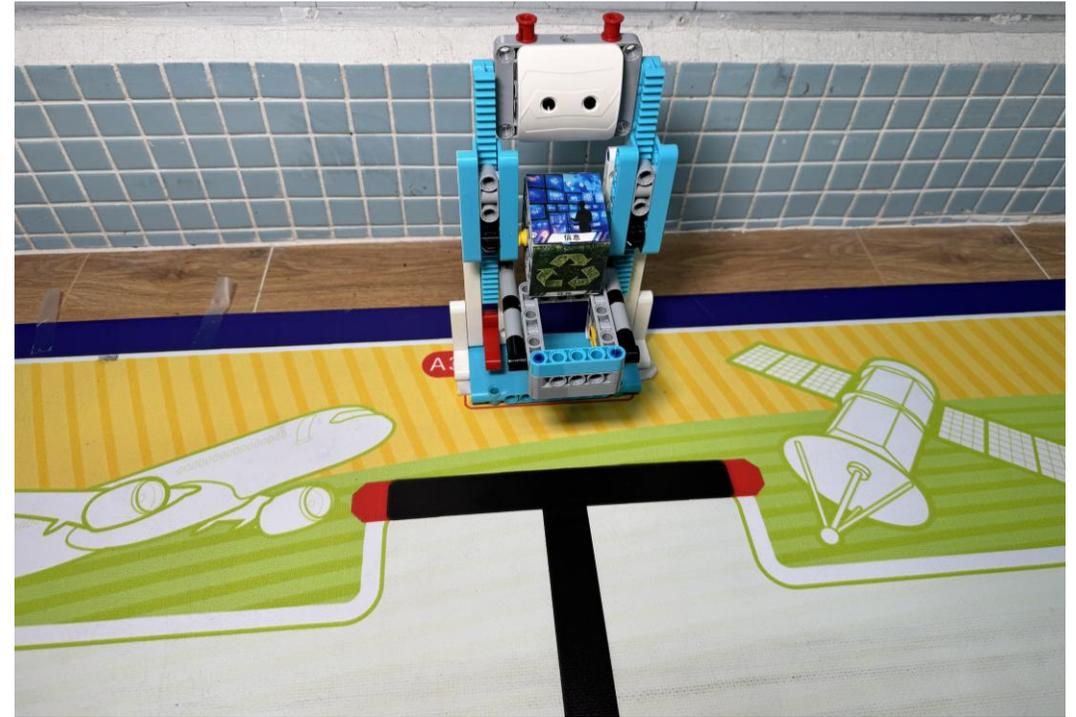


# 機器人工程設計賽 小學組競賽地圖

無人駕駛



產業轉型

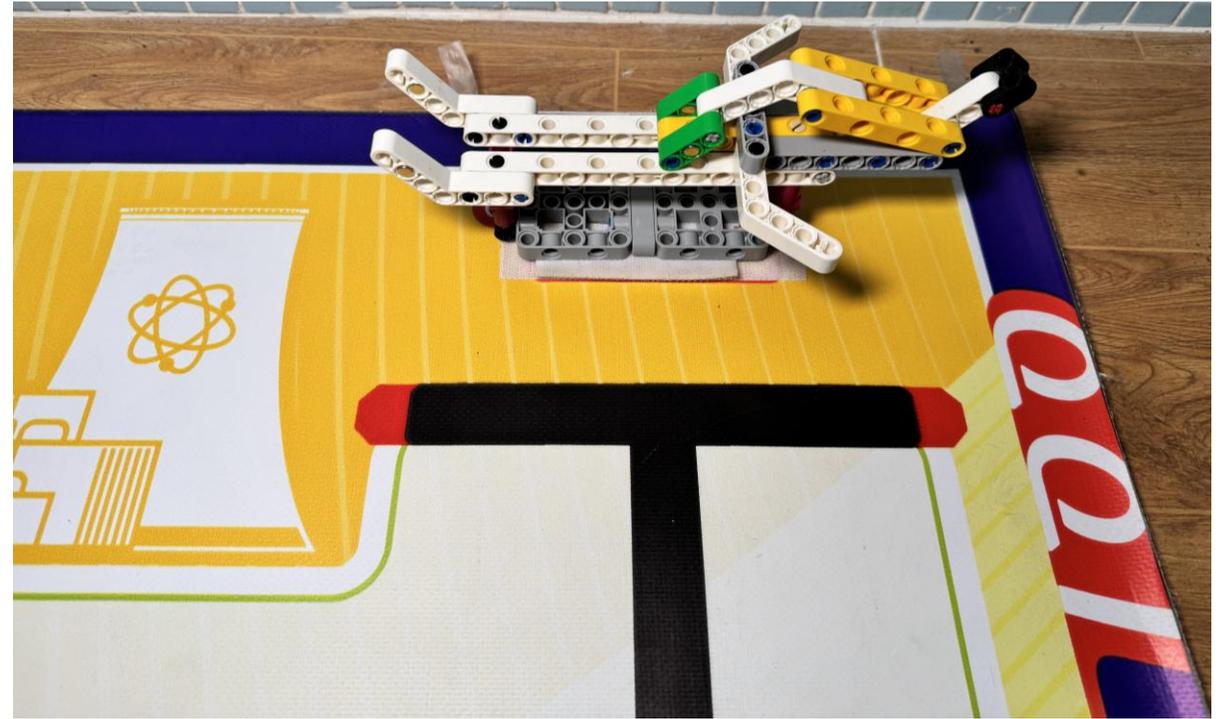


# 機器人工程設計賽 小學組競賽地圖

產業落地

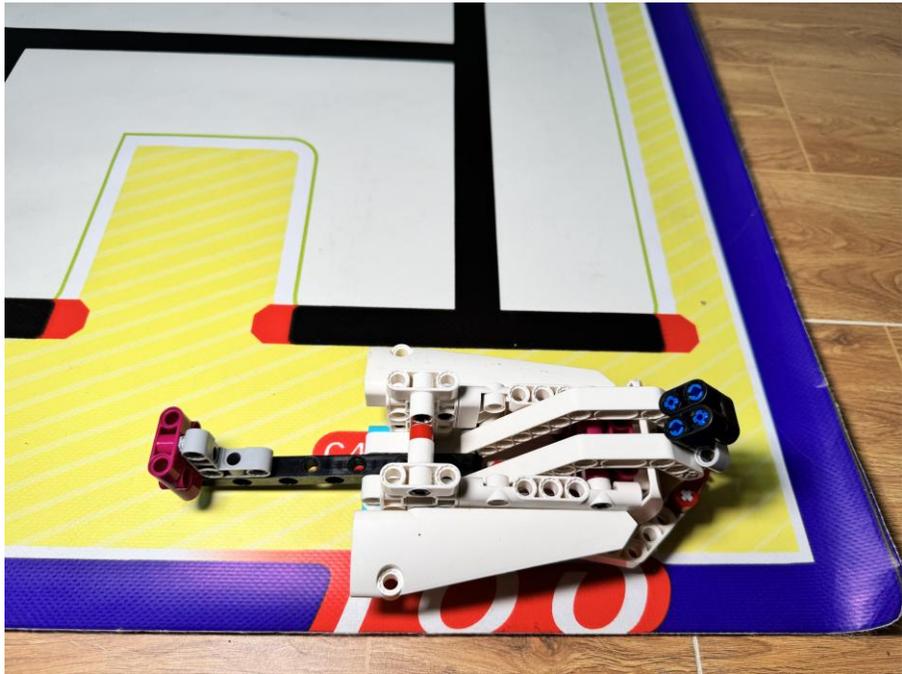


低空經濟

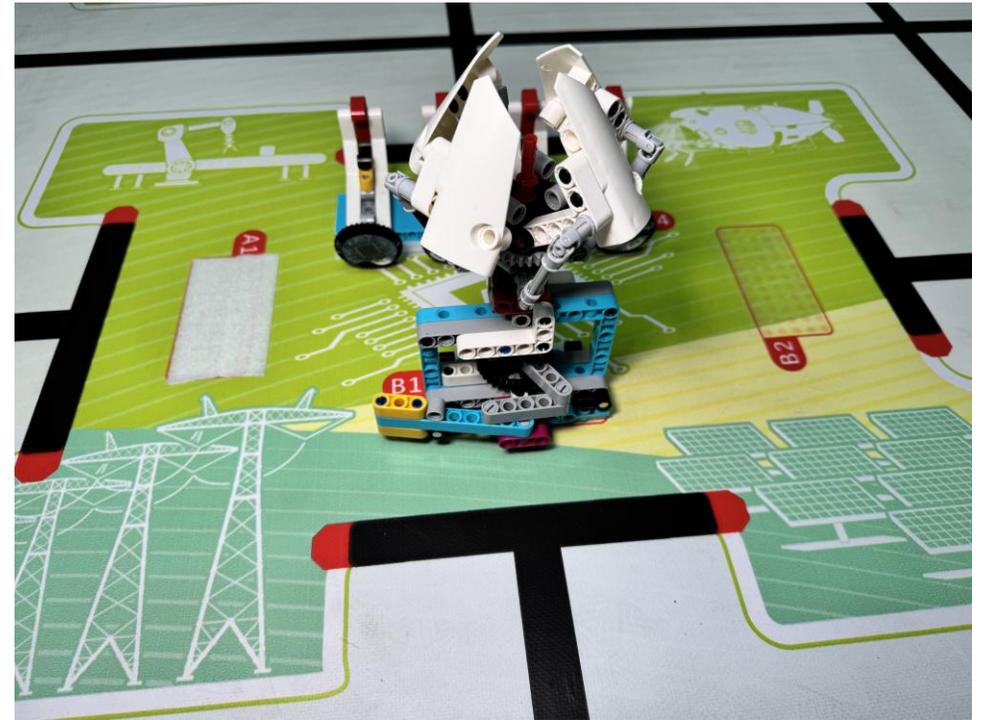


# 機器人工程設計賽 小學組競賽地圖

深海挖掘



空天觀測



# 機器人工程設計賽 初中組競賽地圖

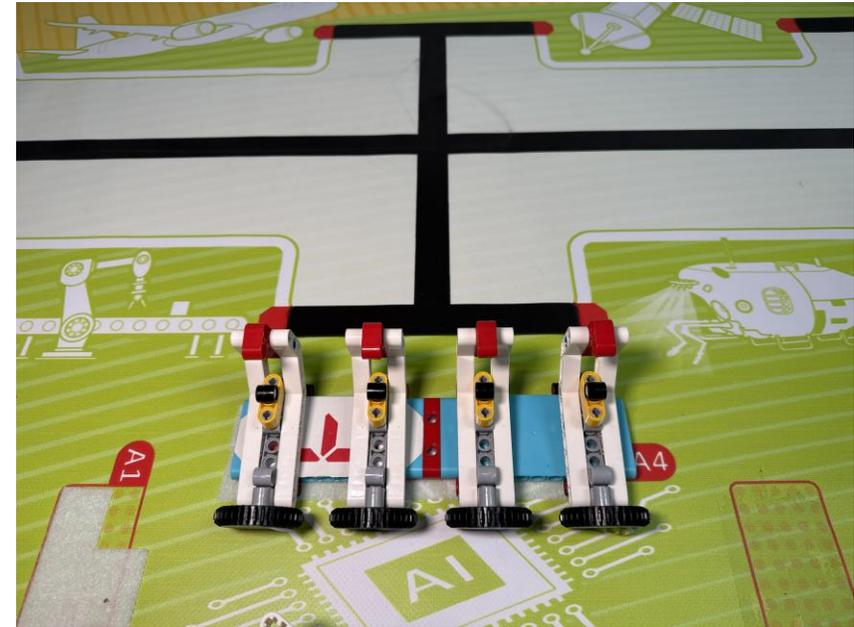


# 機器人工程設計賽 初中組競賽地圖

低空經濟

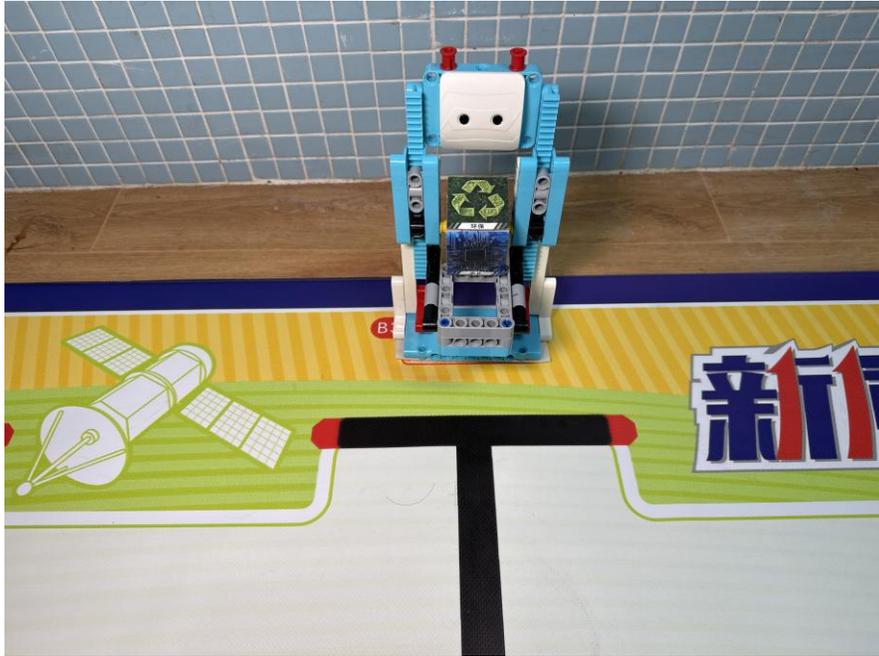


產業落地

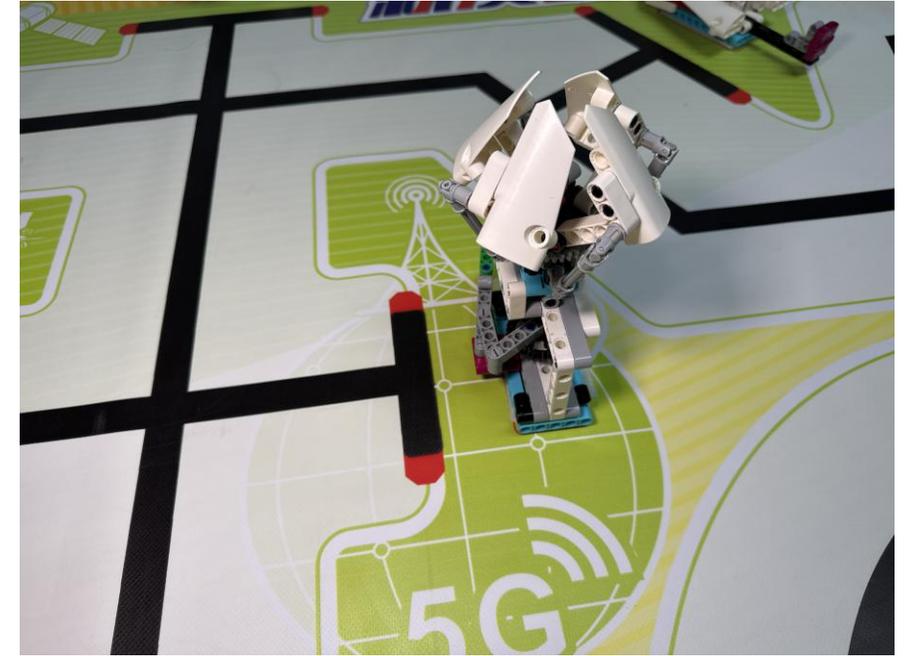


# 機器人工程設計賽 初中組競賽地圖

產業轉型

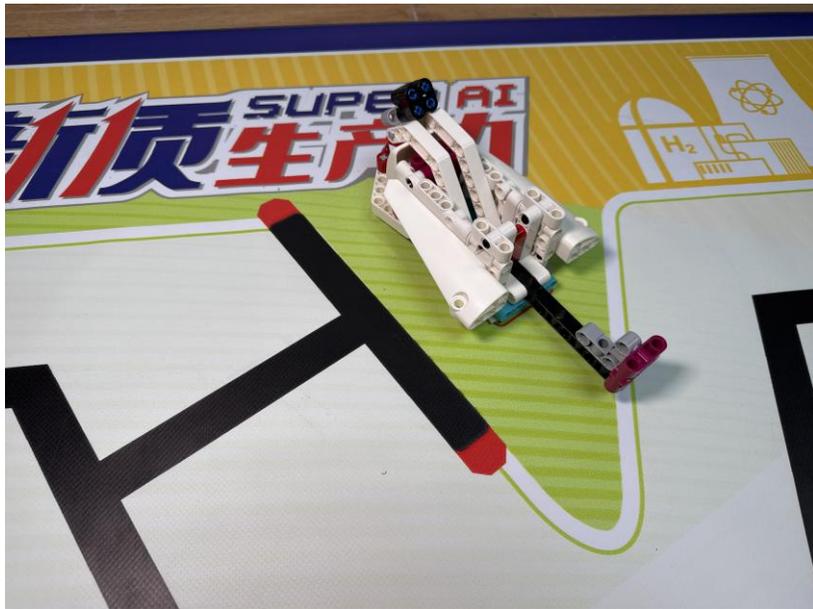


空天觀測

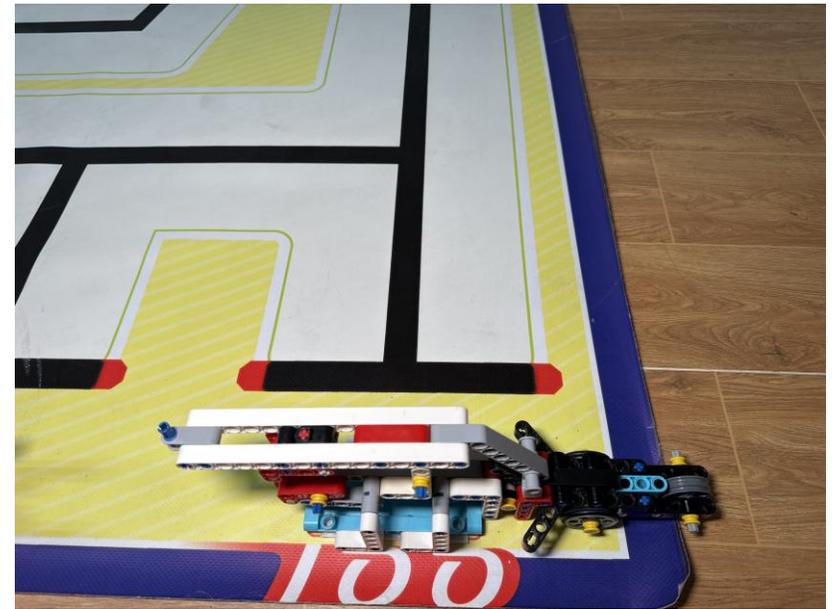


# 機器人工程設計賽 初中組競賽地圖

深海挖掘



無人駕駛



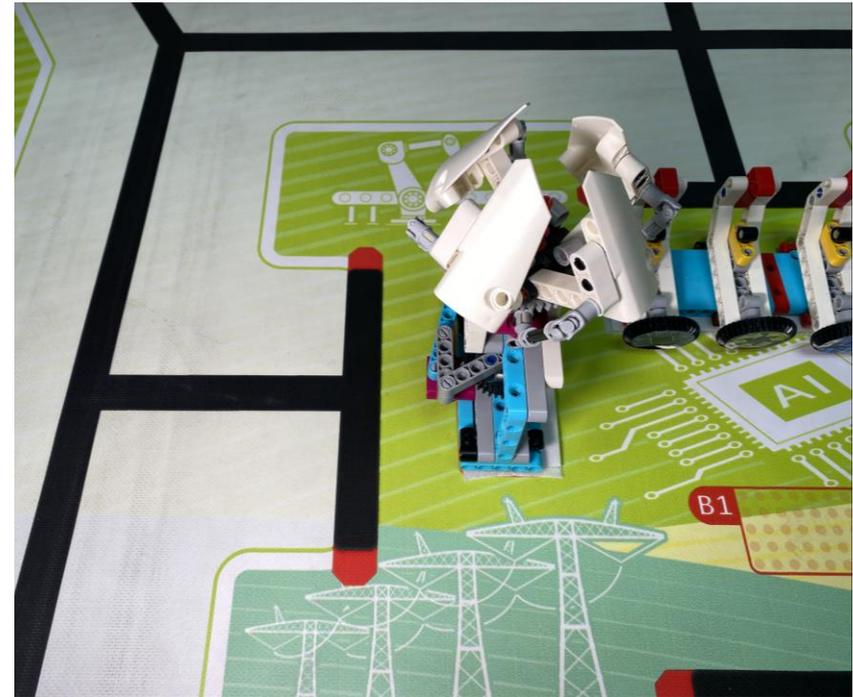


# 機器人工程設計賽 高中組競賽地圖

深海挖掘

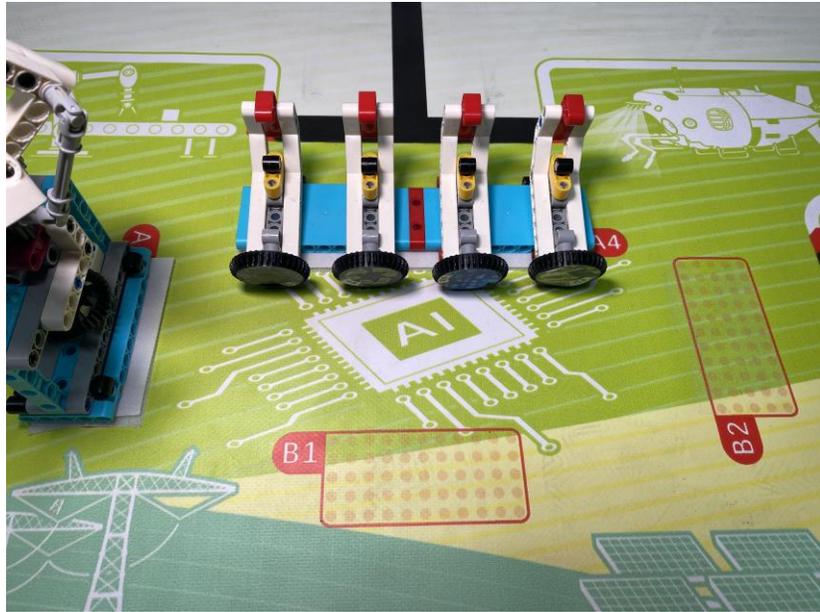


空天觀測

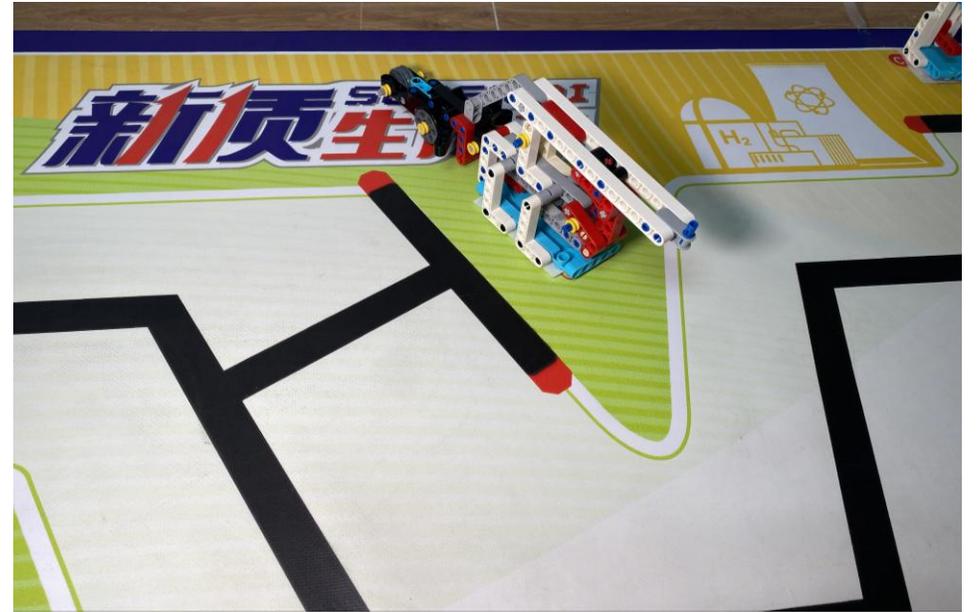


# 機器人工程設計賽 高中組競賽地圖

產業落地

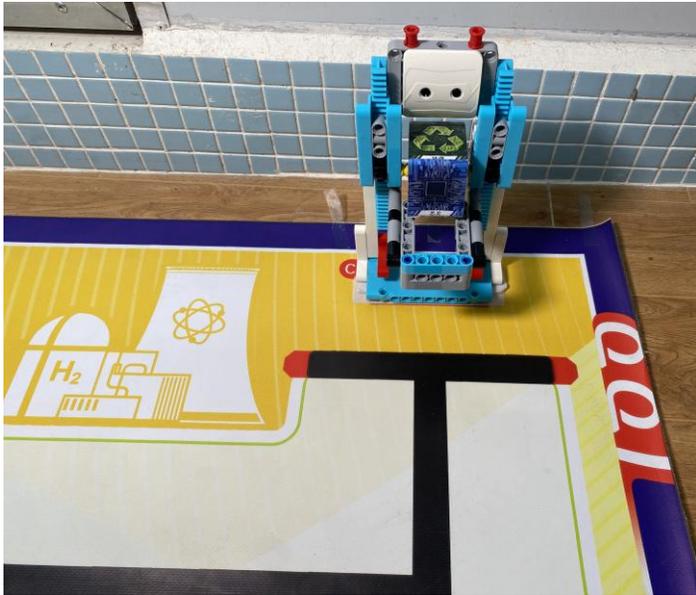


無人駕駛



# 機器人工程設計賽 高中組競賽地圖

產業轉型



低空經濟

