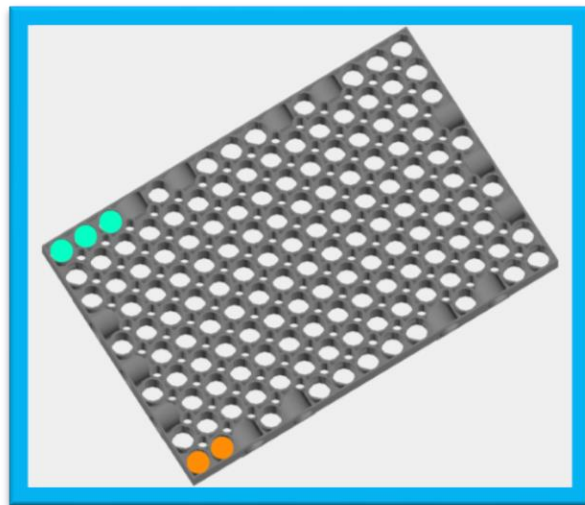




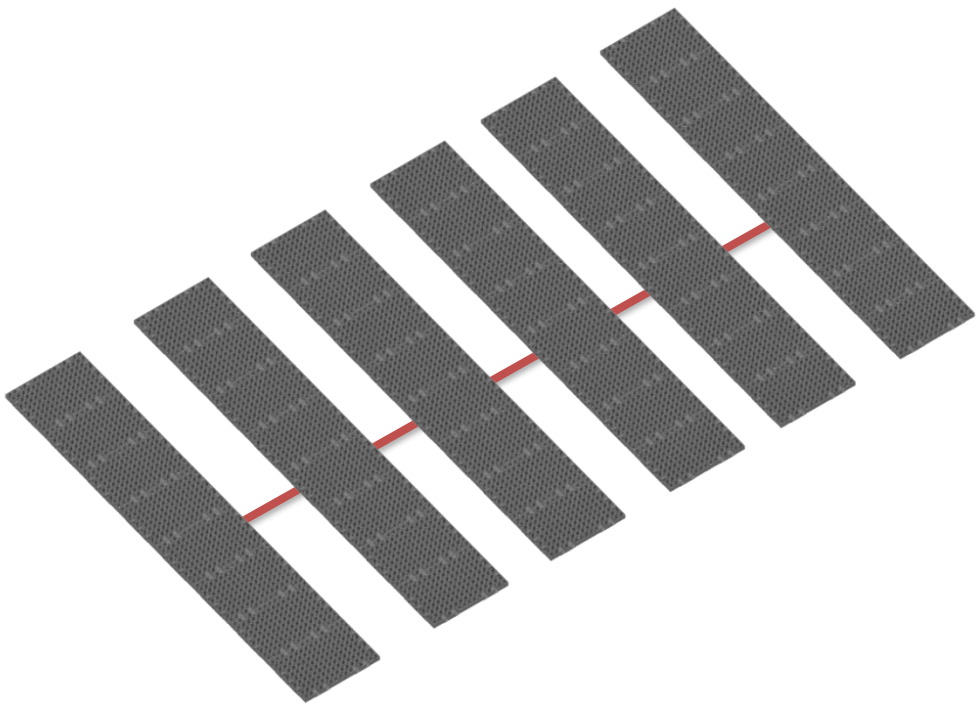
2018世界機關王競賽 R4M賽道組裝說明

大底盤中間組裝與底部結合
請參照[相關連結](#)
本篇將不在贅述

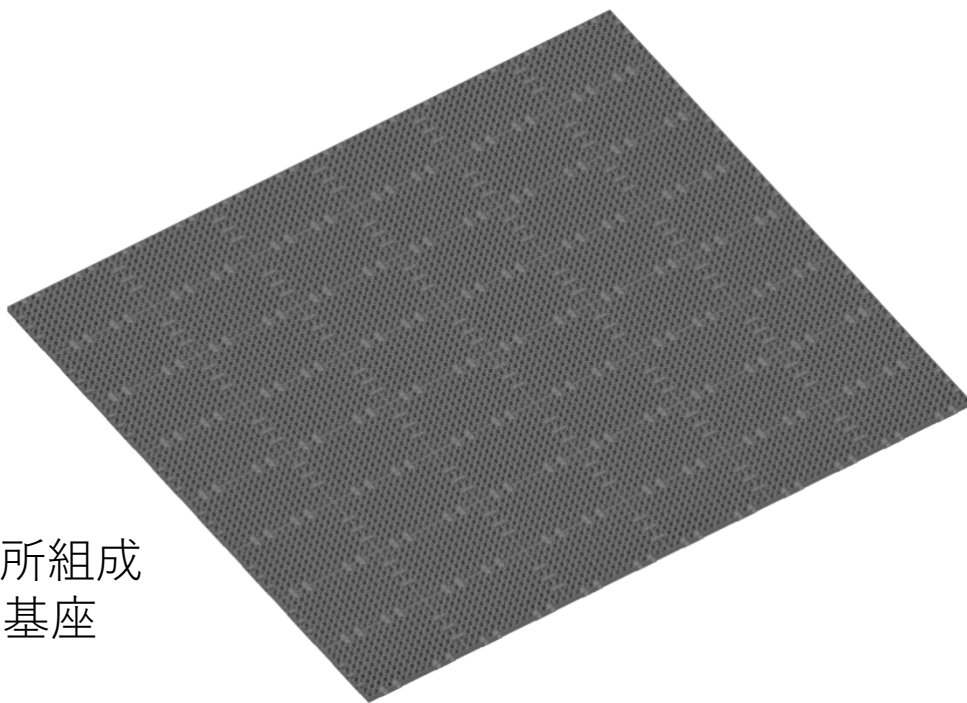
首先組裝R4M基座
由8塊(7125-W10-B1S)
大底盤組成
本步驟請重複組裝六次



特別注意本步驟要點，
由於大底盤有組裝的方向性，
請以左圖為第一塊做為基準排列。



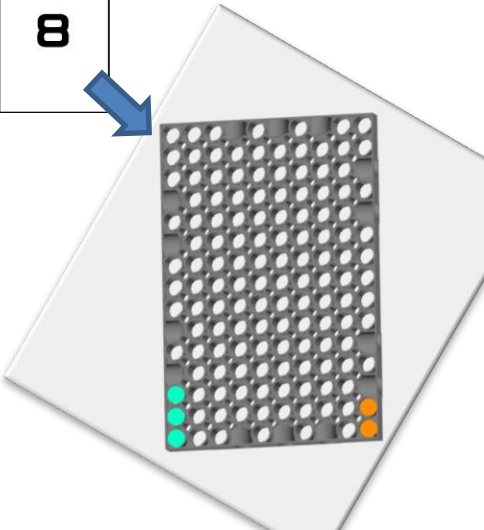
再將上步驟組出的6塊長型底盤
相互連接在一起



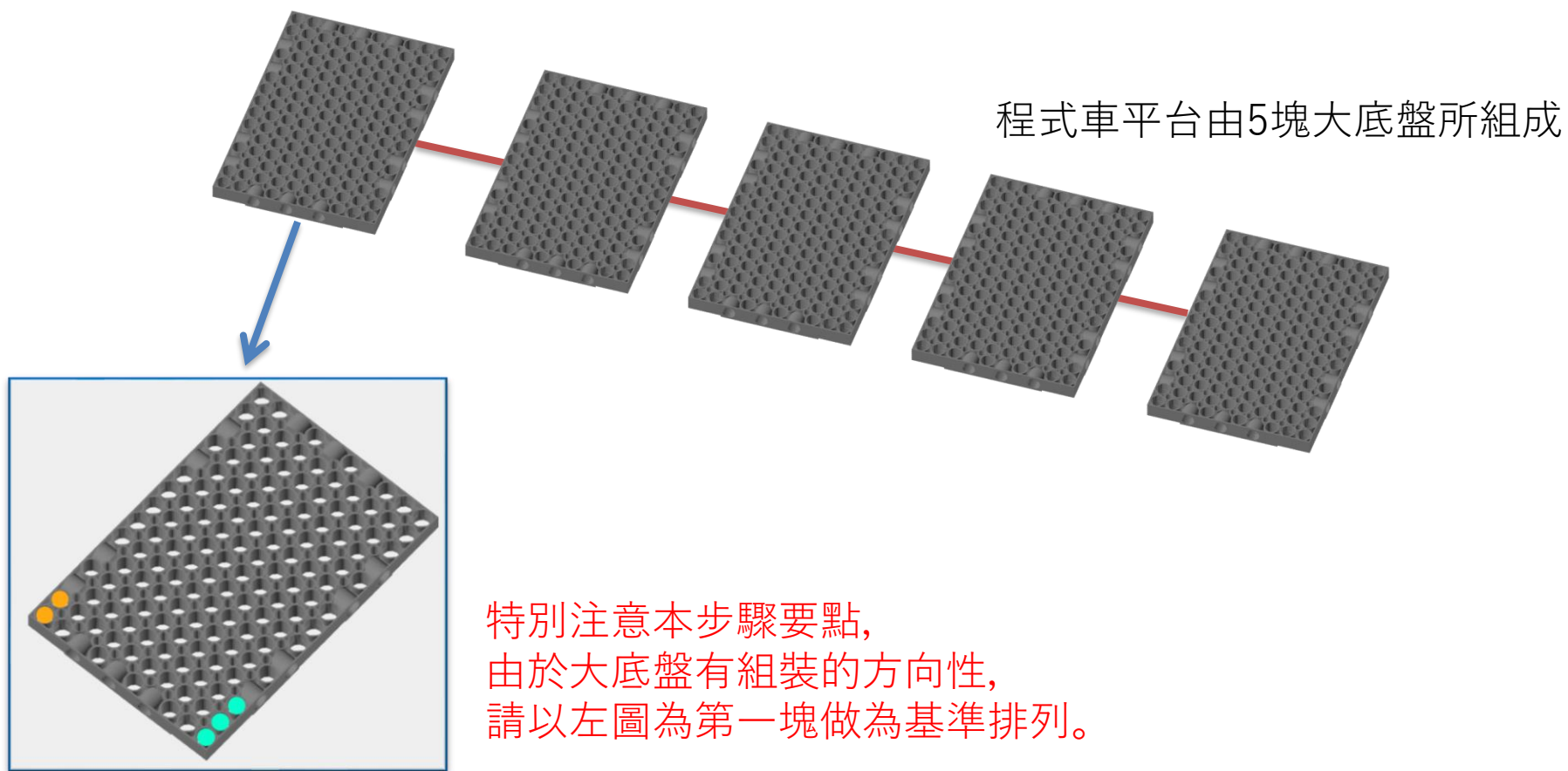
即完成由8*6塊大底盤所組成
2018 R4M賽道最底層基座

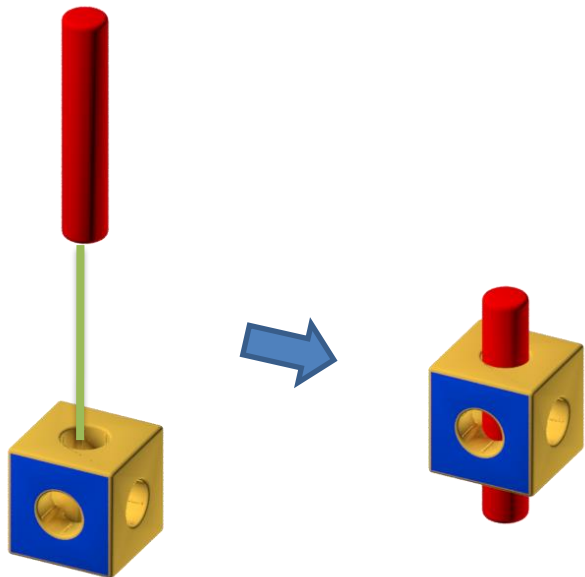
本篇的2018R4M基座
在後續組裝說明中
我們將會以各基座編號
指示組裝孔位

41	42	43	44	45	46	47	48
33	34	35	36	37	38	39	40
25	26	27	28	29	30	31	32
17	18	19	20	21	22	23	24
9	10	11	12	13	14	15	16
1	2	3	4	5	6	7	8



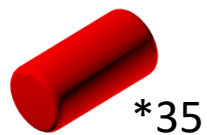
程式車平台



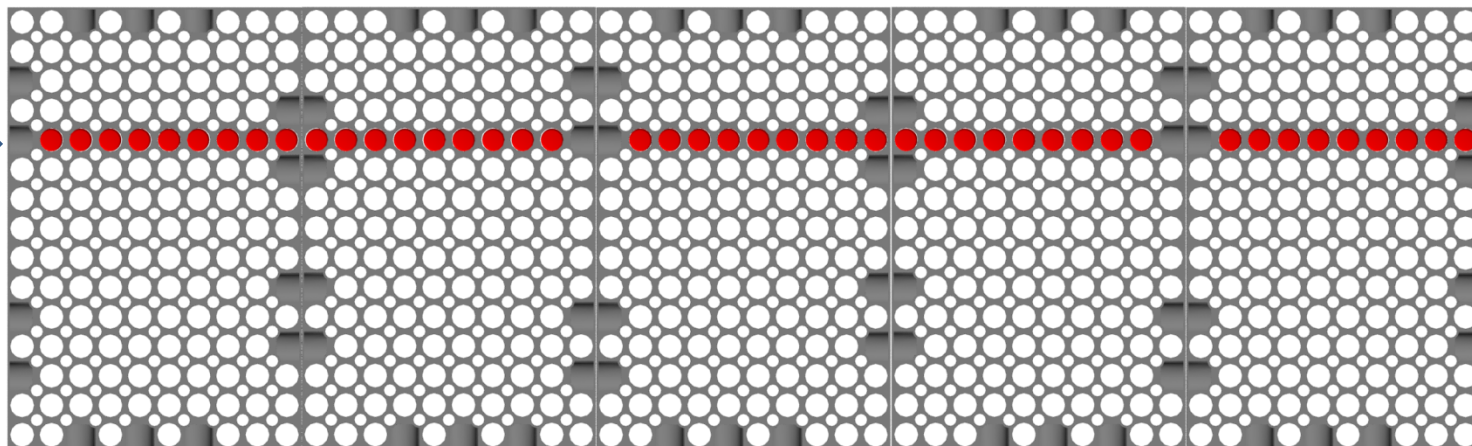


請將80mm圓棒貫穿40mm正方體
組成程式車支撐柱體
本步驟請製作出8塊支撐柱體

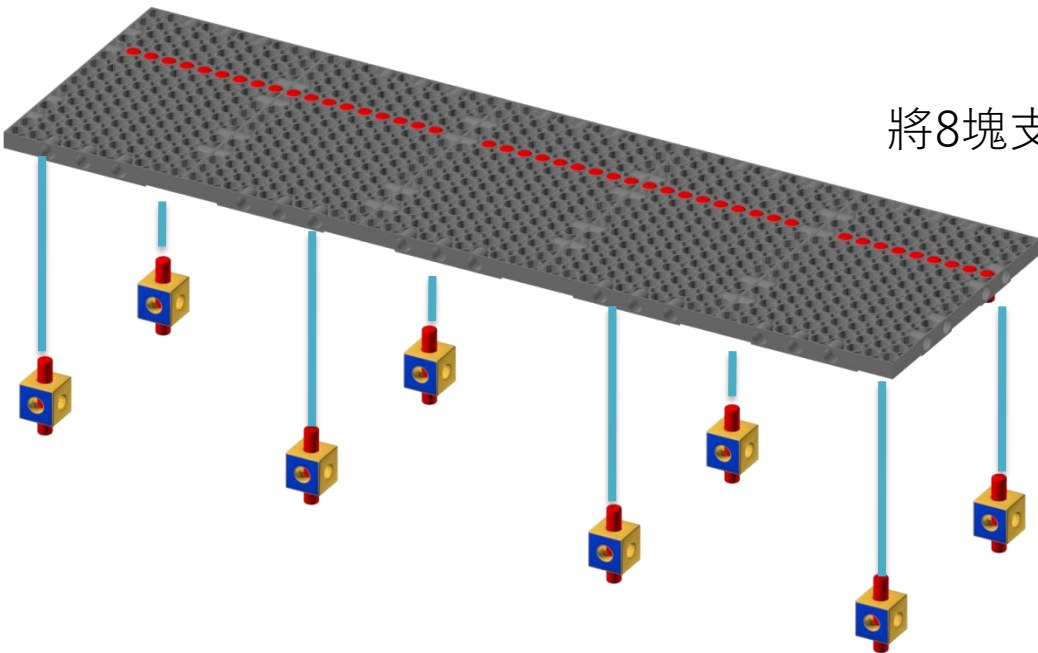
請一下圖所示將30mm圓棒插入程式車平台孔位



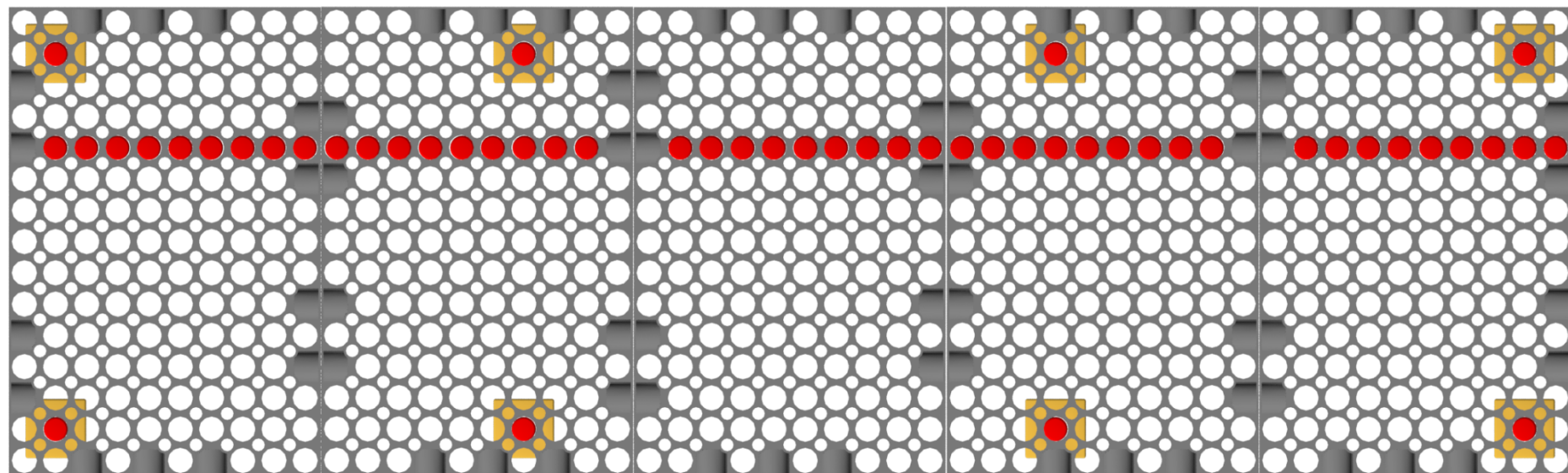
*35



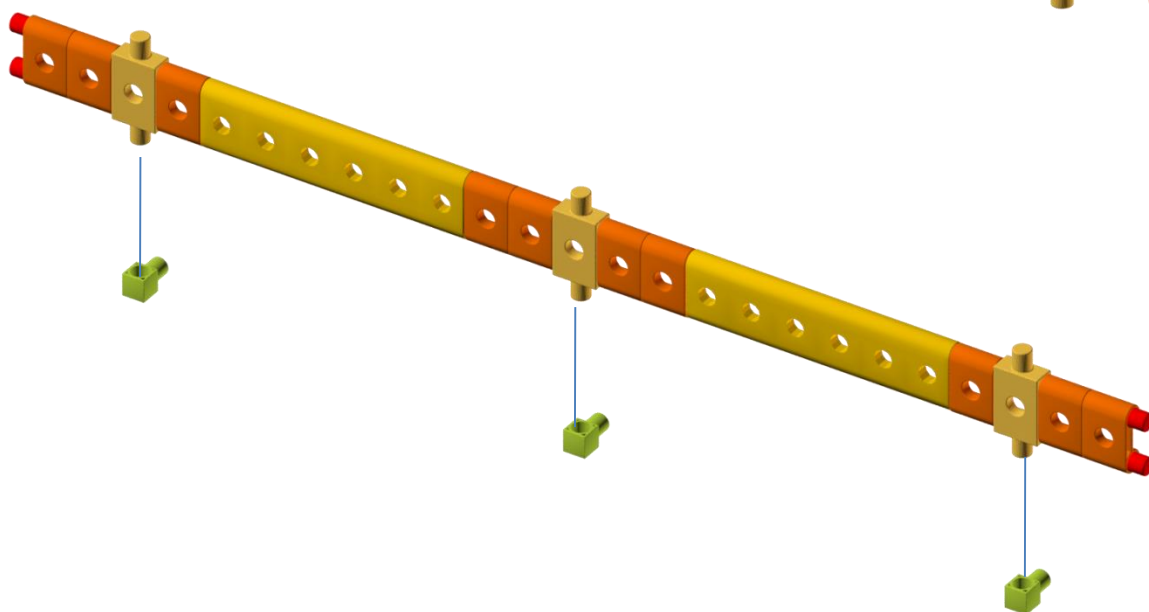
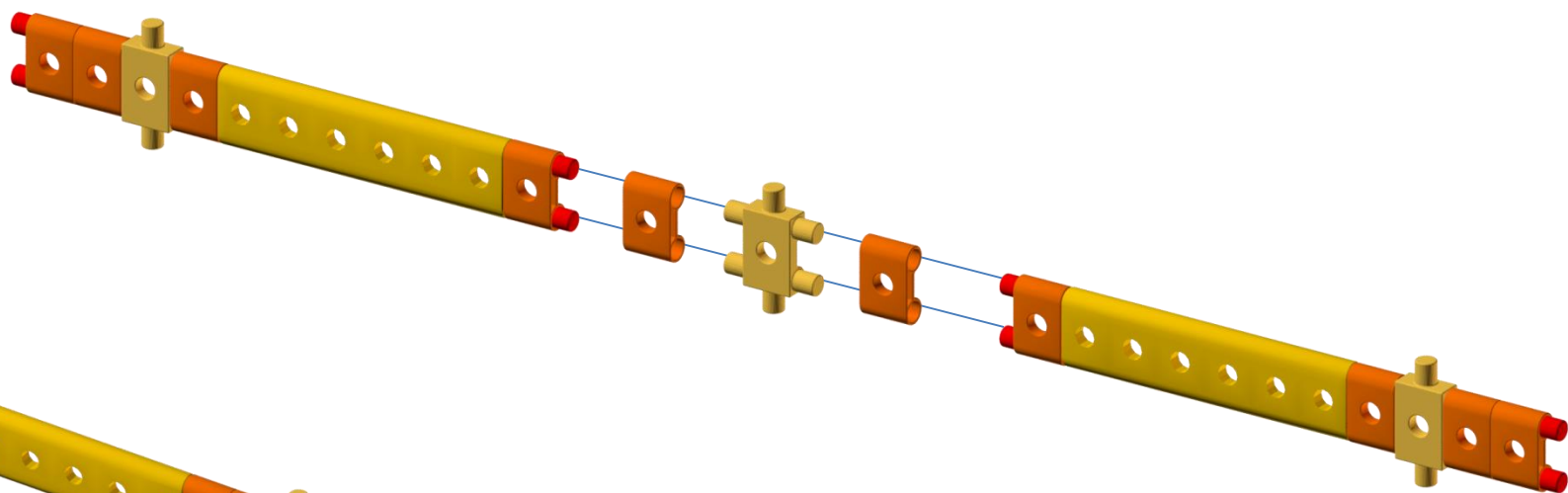
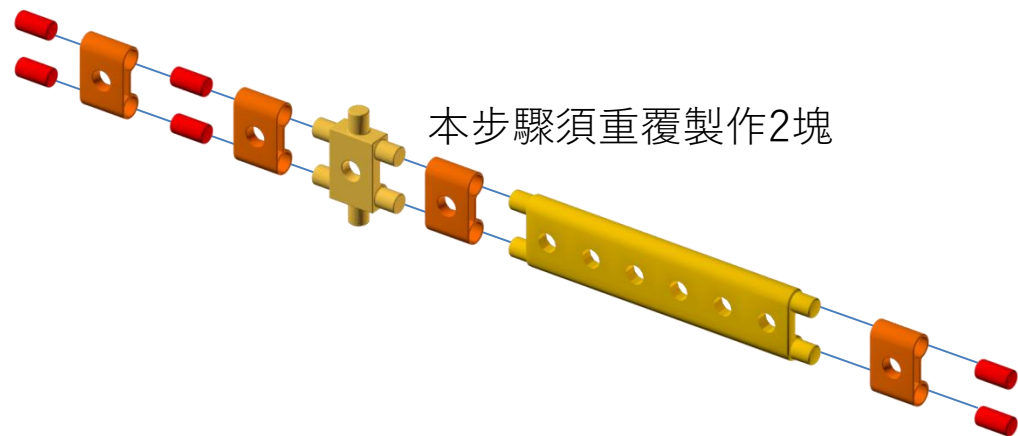
將8塊支撐柱體由程式車平台下方相互結合



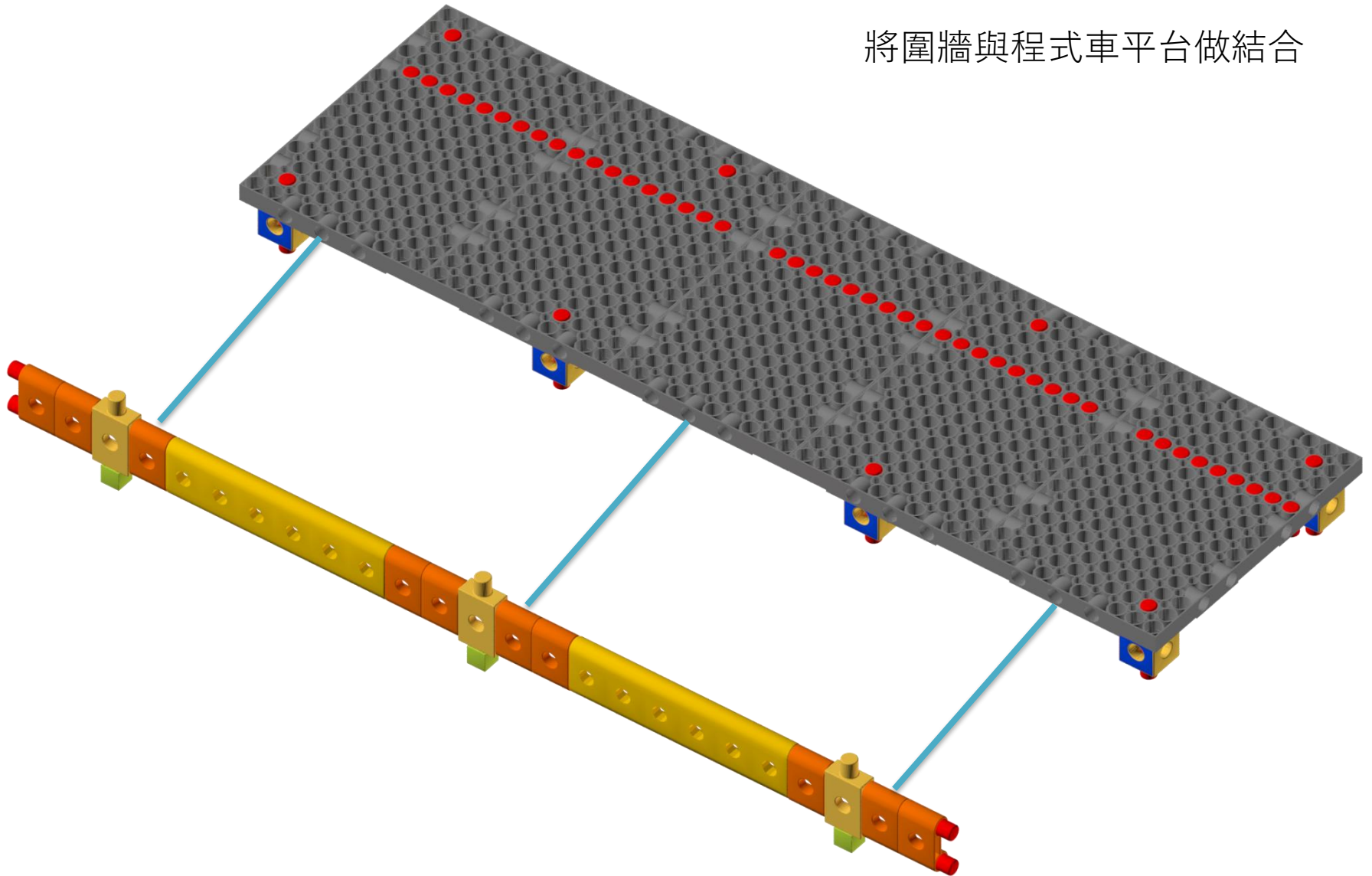
支撐柱體請參照下圖位置結合

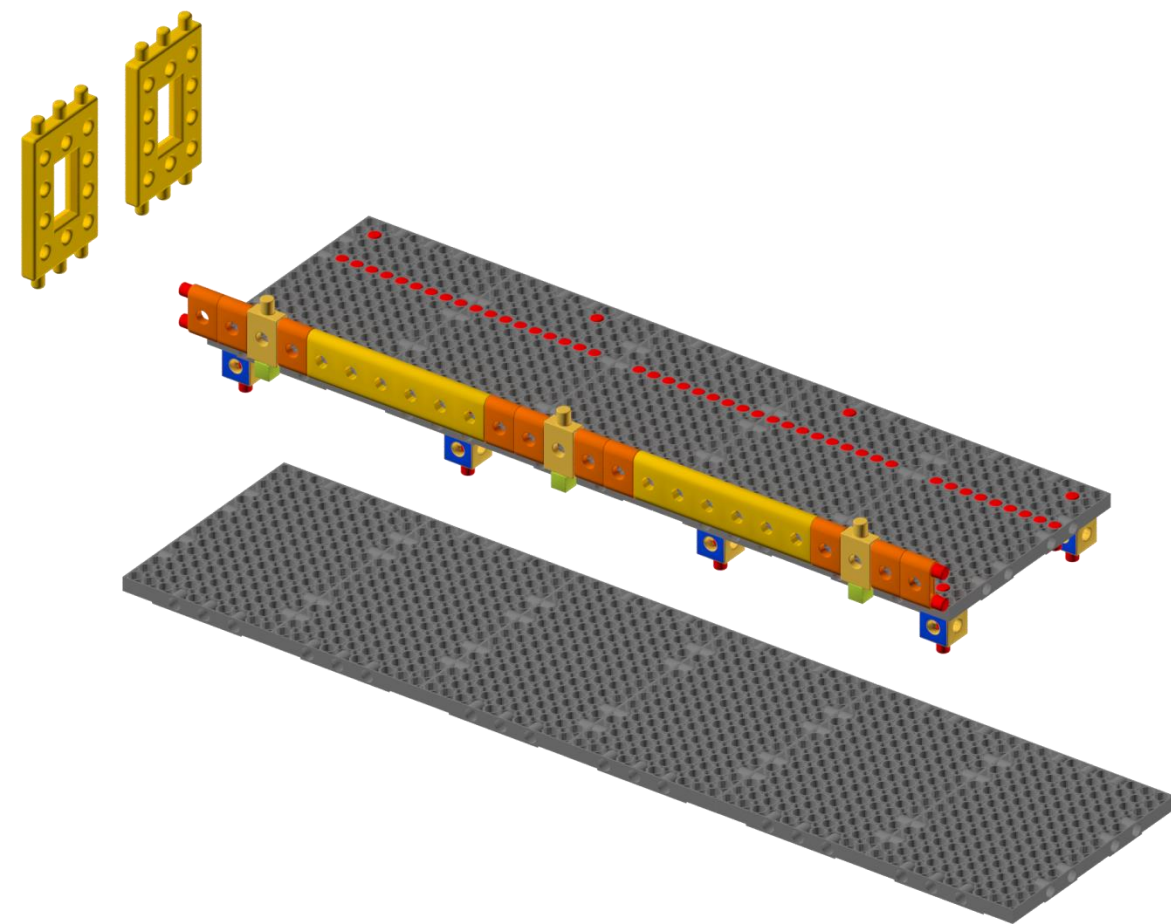


請依照本頁由上而下順序完成
程式車平台圍牆

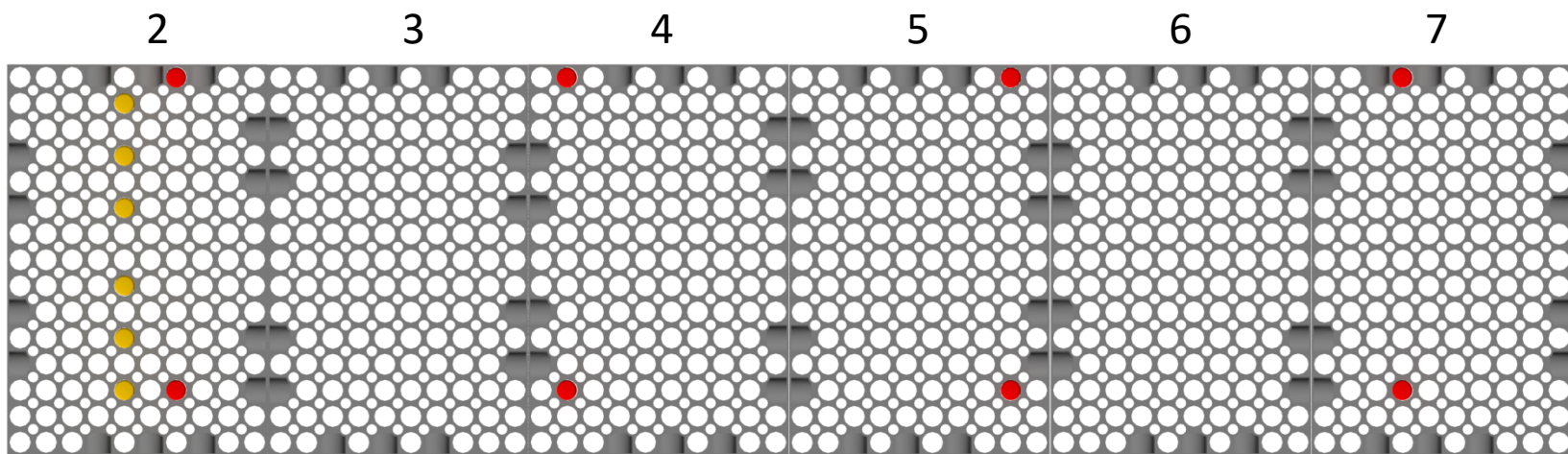


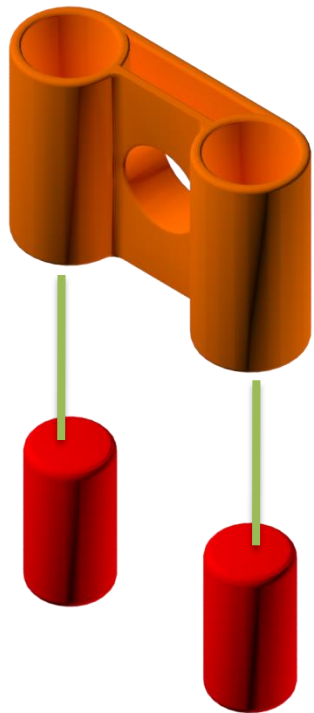
將圍牆與程式車平台做結合





將程式車平台與2塊3*4孔長方框
與賽道基座編號2,3,4,5,6,7號結合
孔位請參照下圖





利用軌道結合器與2塊30mm圓棒結合成一組件
請在本步驟 製做出16個組件

將16個組件與賽道基座編號10,11,12,13,14,15結合
孔位請參照下圖

10

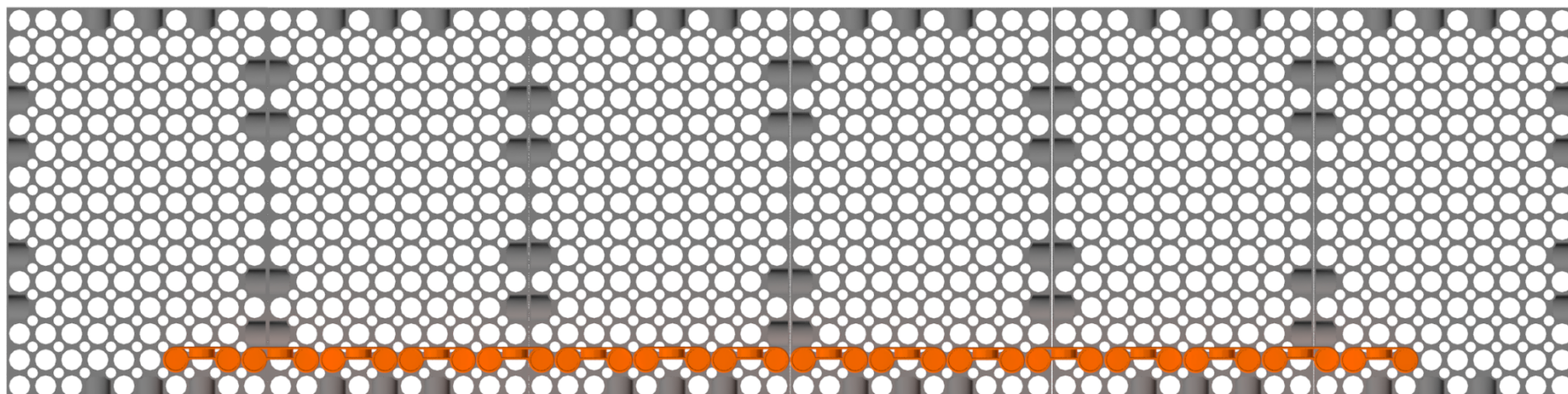
11

12

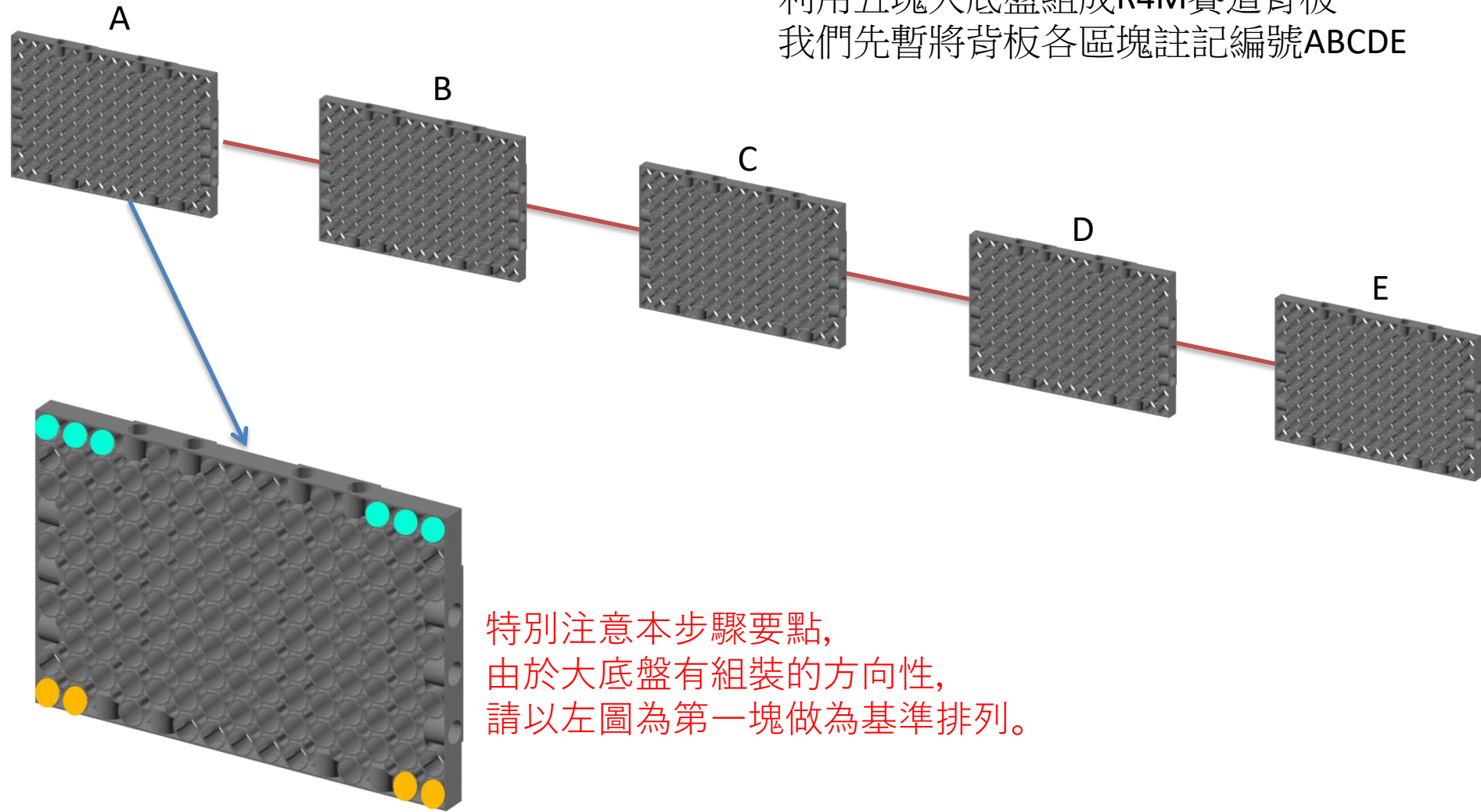
13

14

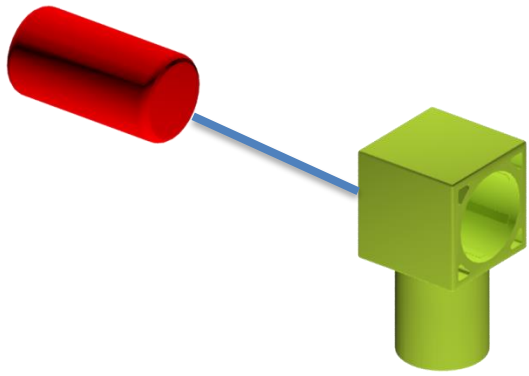
15



利用五塊大底盤組成R4M賽道背板
我們先暫將背板各區塊註記編號ABCDE



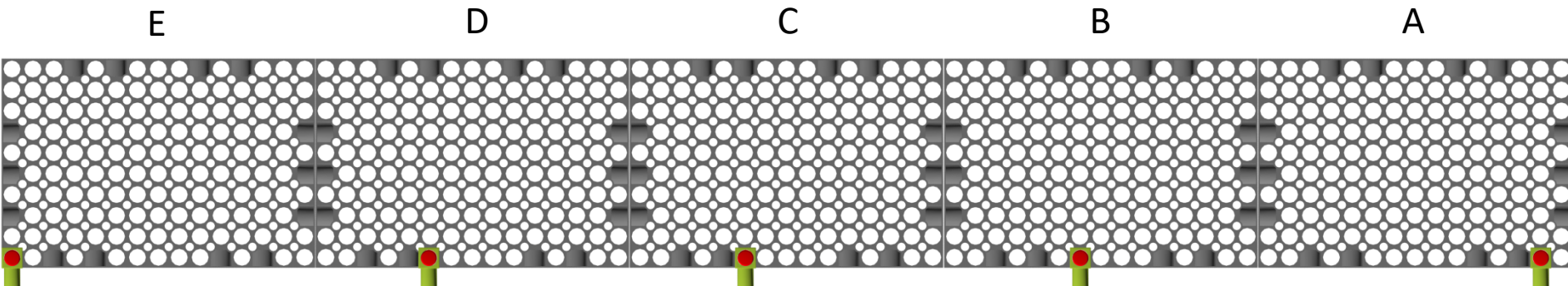
特別注意本步驟要點，
由於大底盤有組裝的方向性，
請以左圖為第一塊做為基準排列。



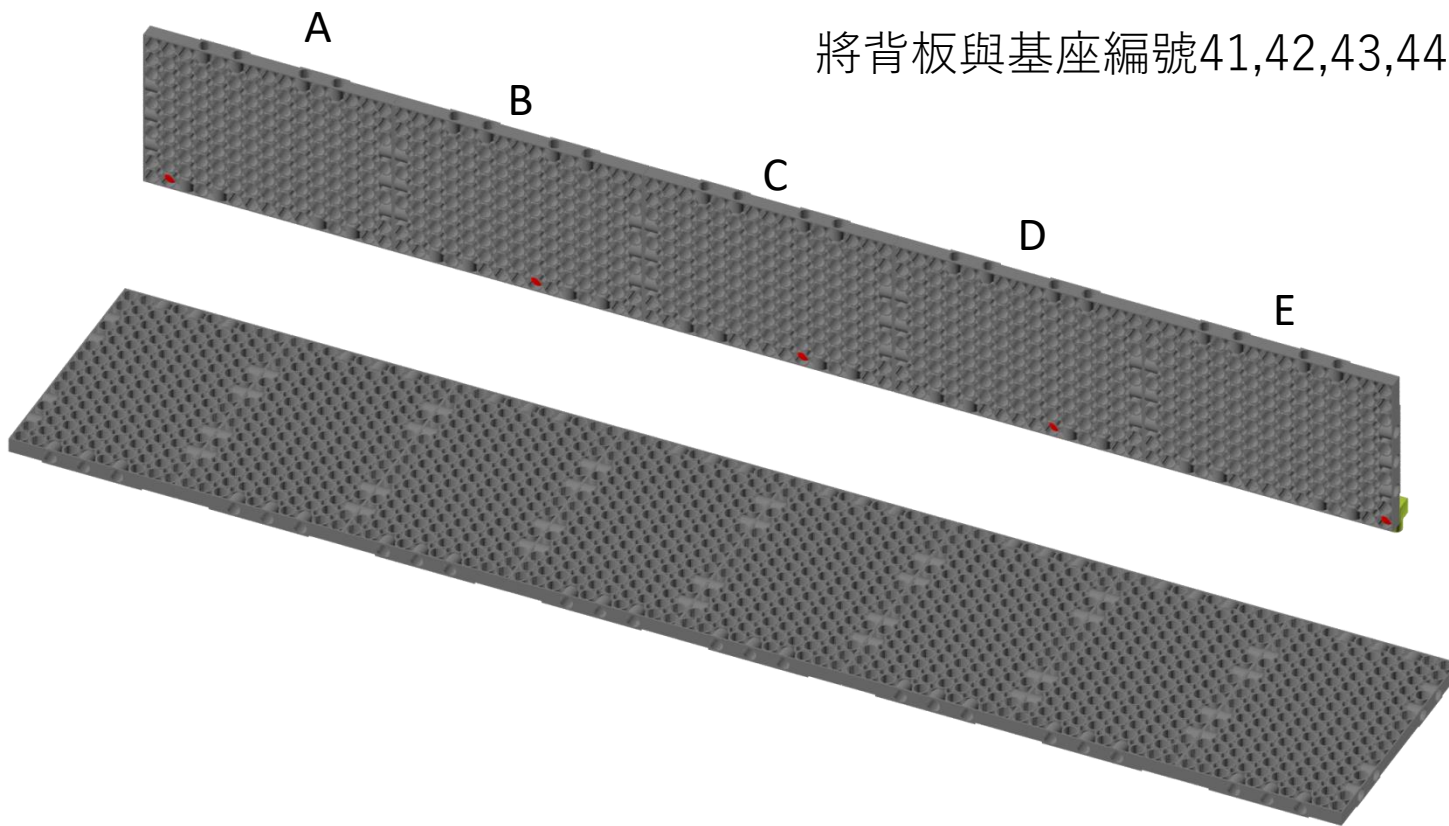
利用90度結合器與30mm圓棒結合成一垂直組件
本步驟請製做出5個垂直組件

將垂直組件插入R4M賽道背板背部形成垂直插件

下圖為R4M賽道背板背面圖

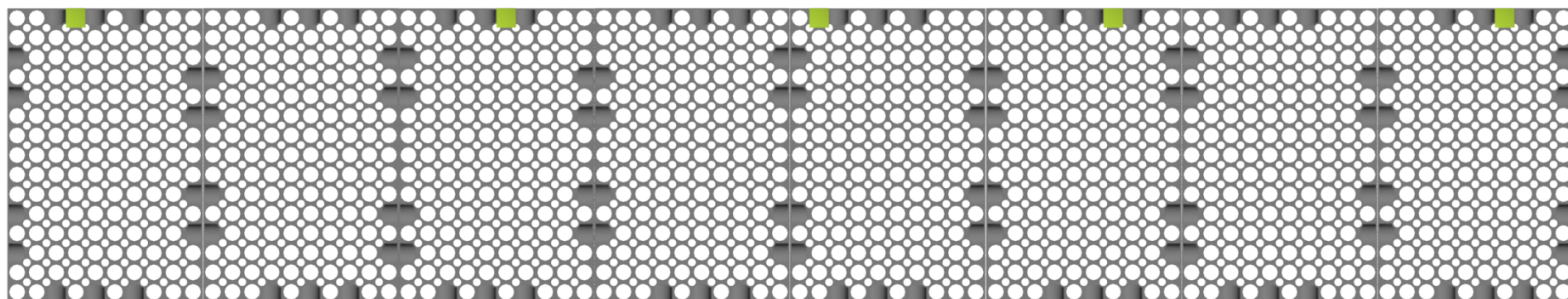


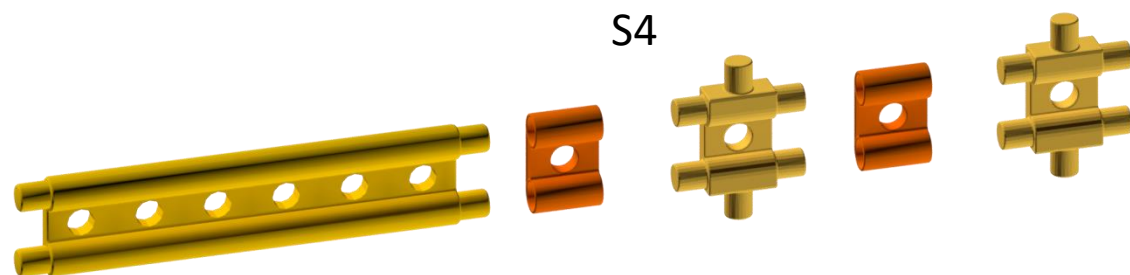
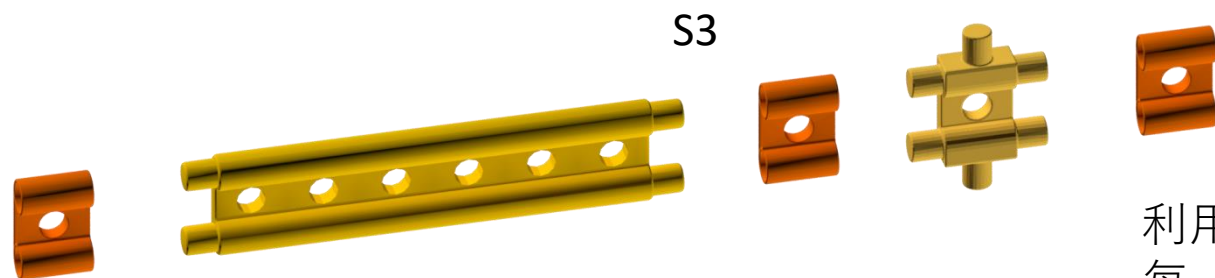
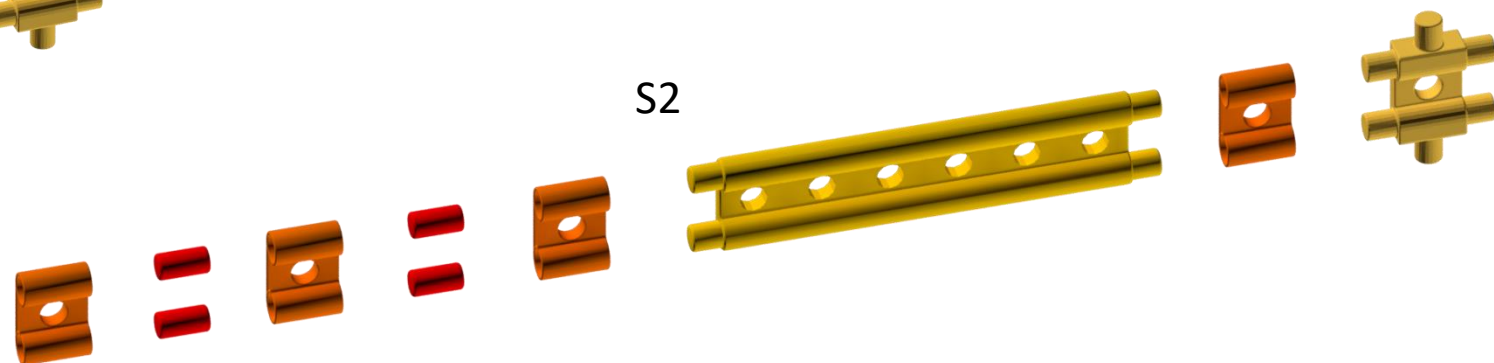
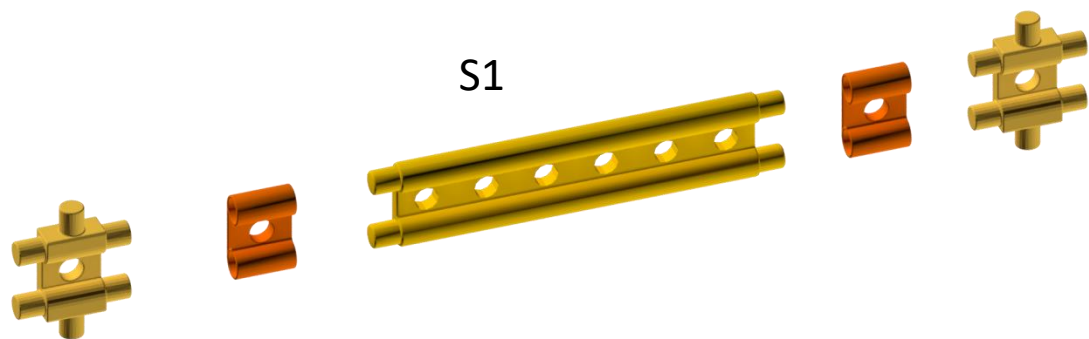
將背板與基座編號41,42,43,44,45,46,47,48結合



請參照下圖示將背板的垂直組件插入基座孔位

41 42 43 44 45 46 47 48

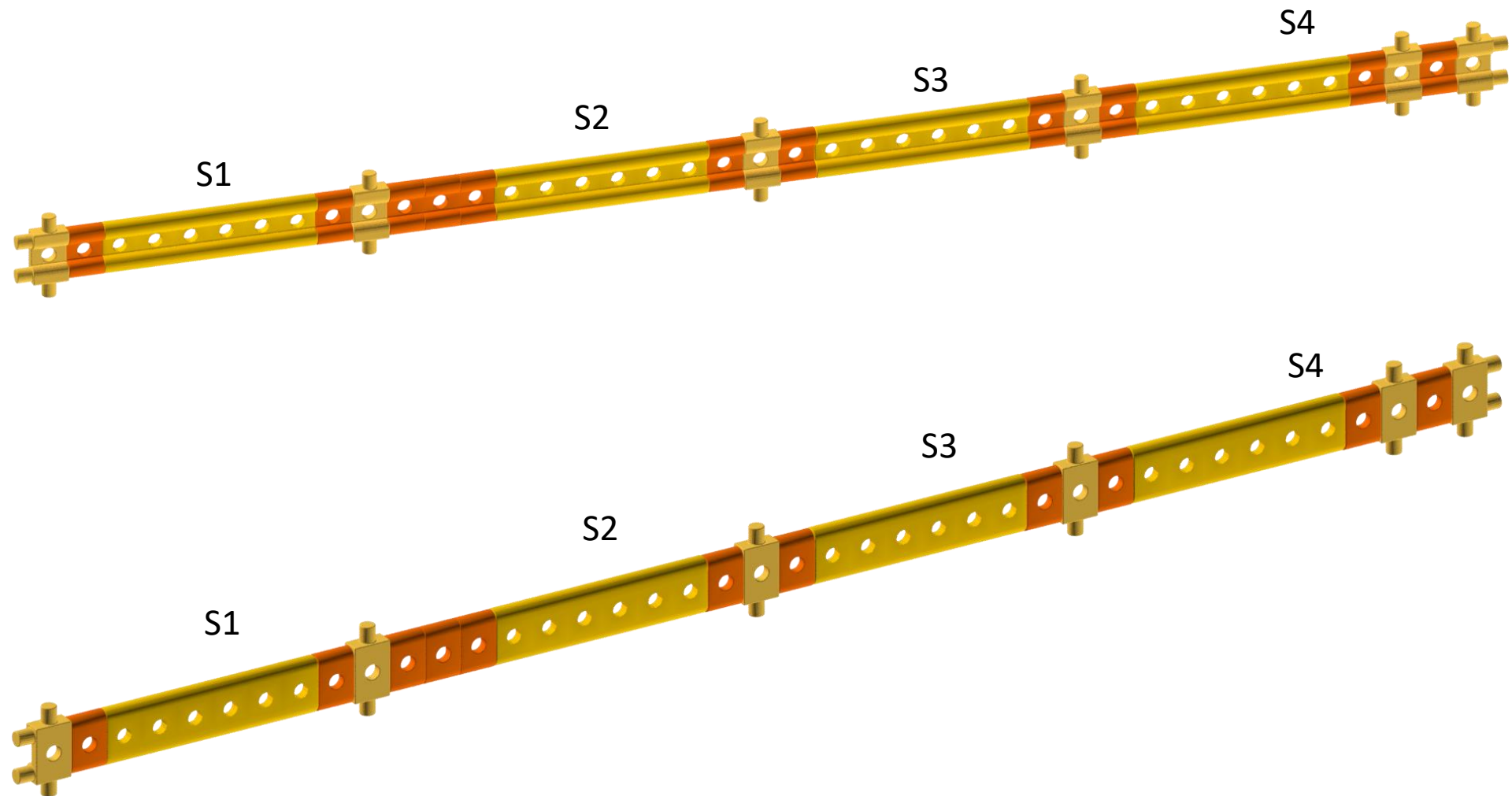


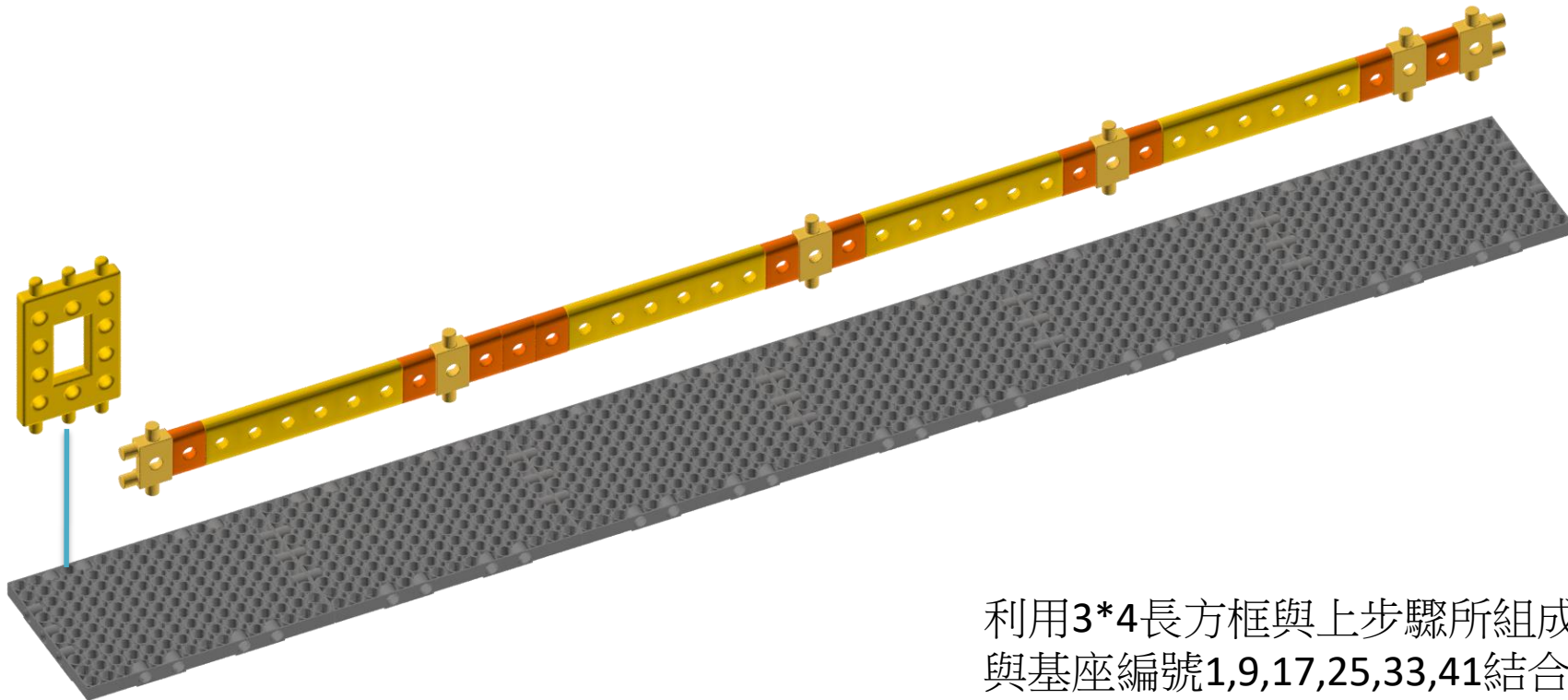


利用各軌道零件組成R4M左右側牆
每一組件請製做成2份

再將S1~S4組件相互結合
形成R4M側牆

由於左右側牆是對稱的
所以請製做成2份側牆





利用3*4長方框與上步驟所組成的側牆
與基座編號1,9,17,25,33,41結合
組成R4M賽道左側側牆

1

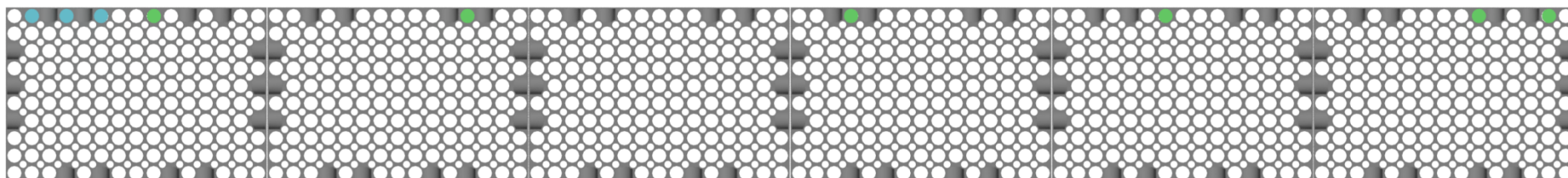
9

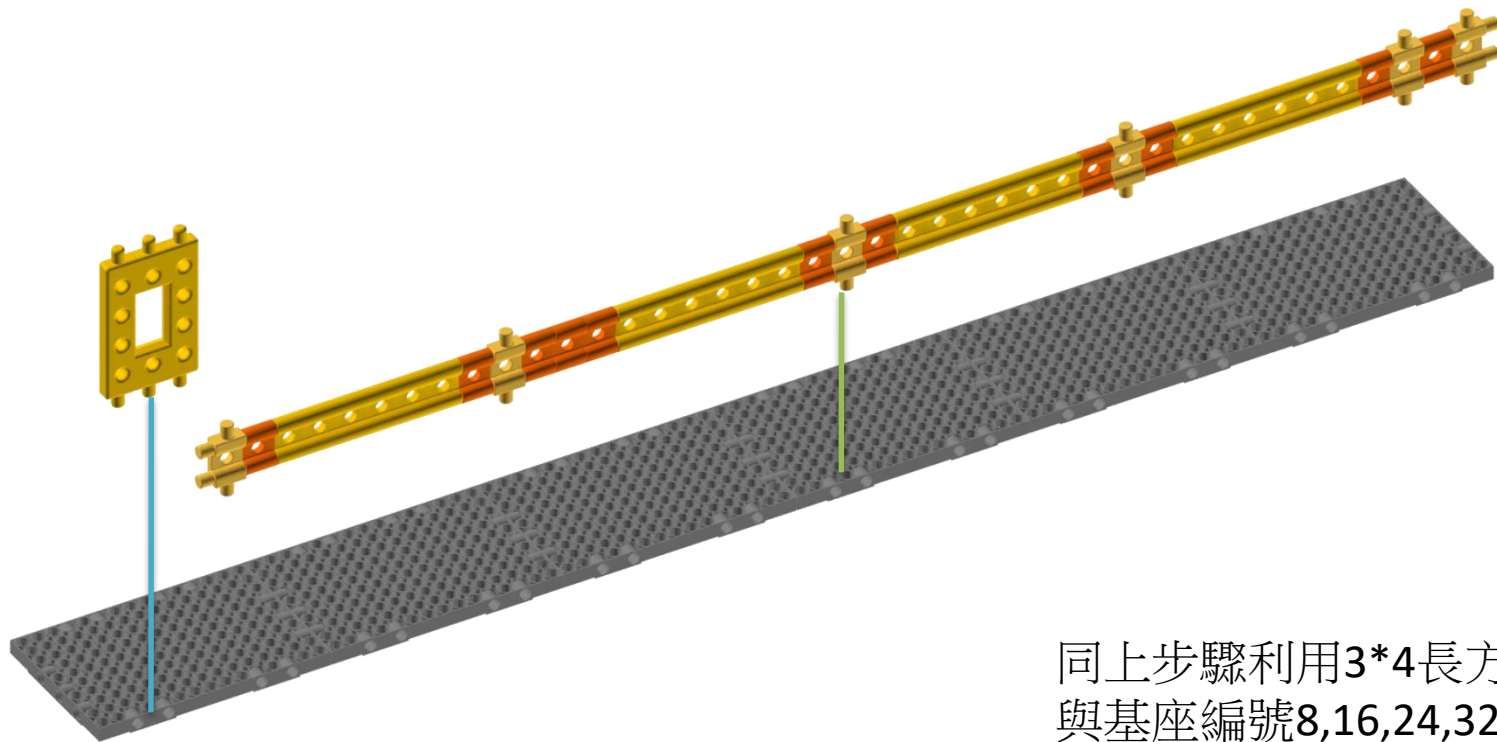
17

25

33

41





同上步驟利用3*4長方框與另一塊側牆
與基座編號8,16,24,32,40,48結合
組成R4M賽道右側側牆

8

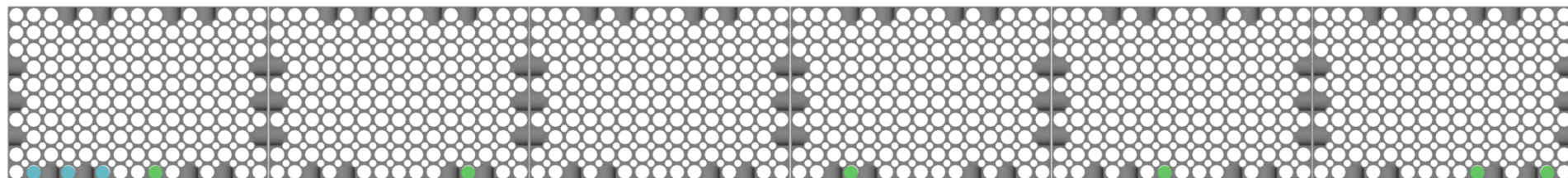
16

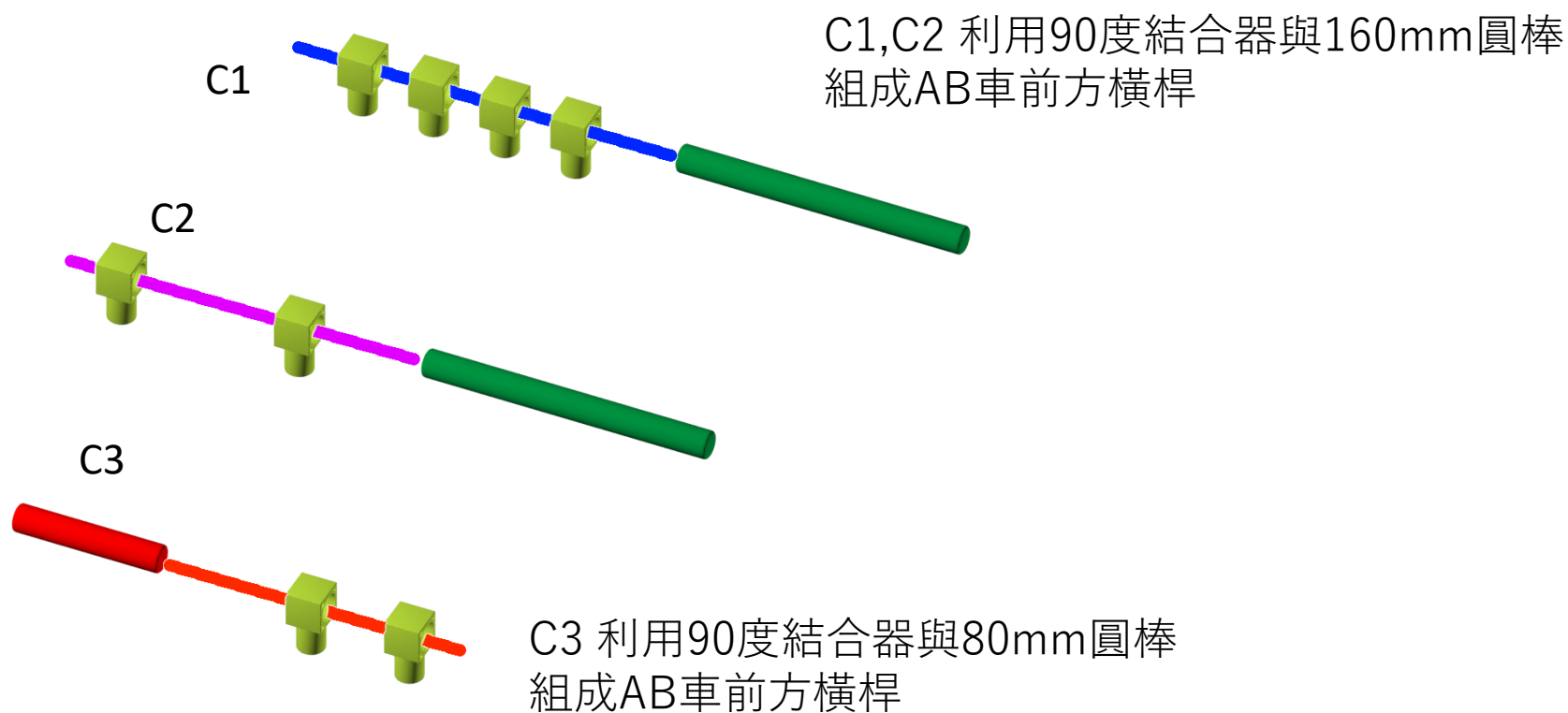
24

32

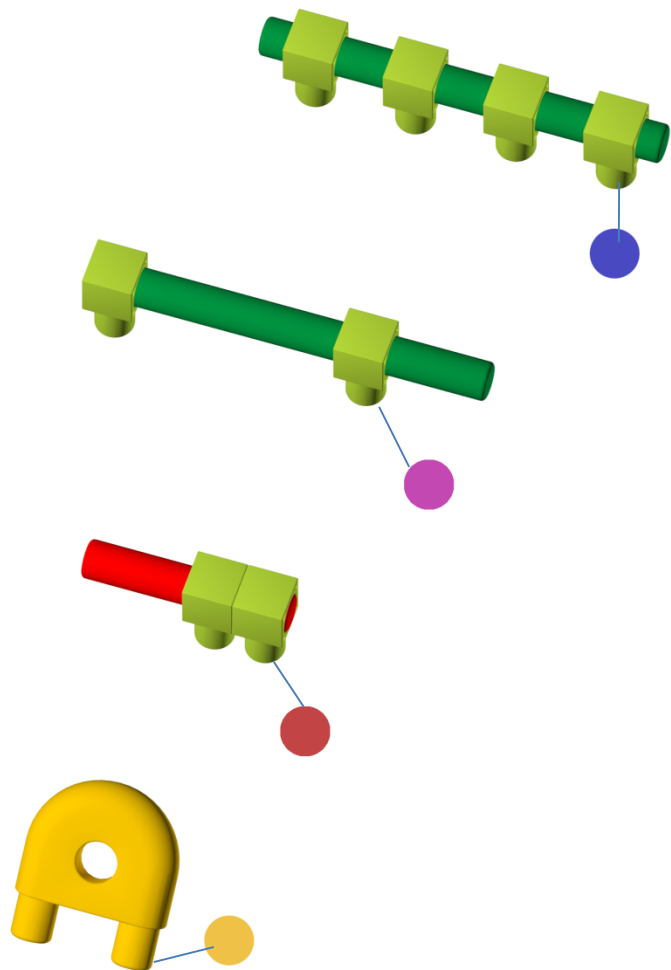
40

48



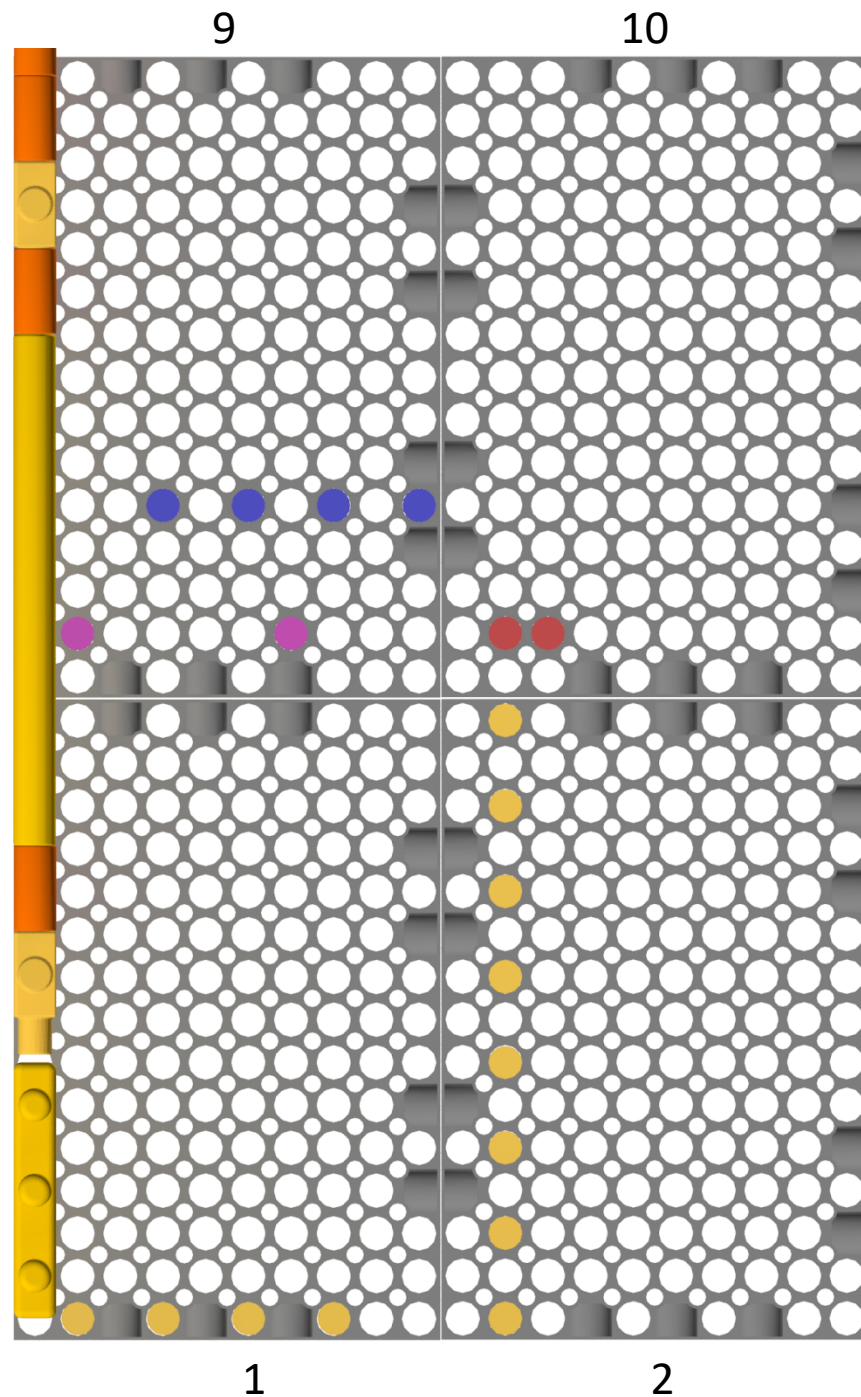


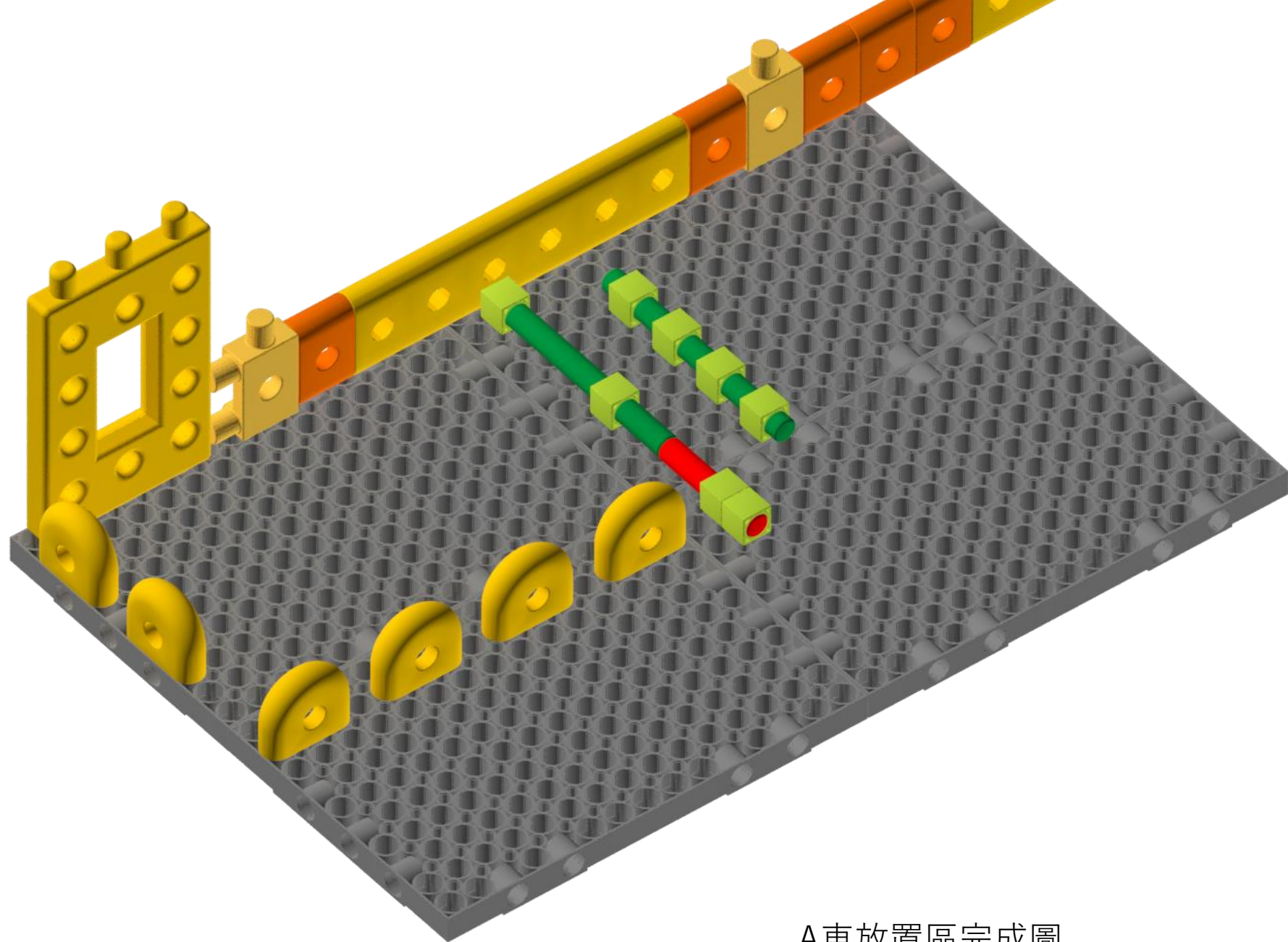
由於選手自組的A,B車起始點 為對稱設計
上述各橫桿請個別製做出2份



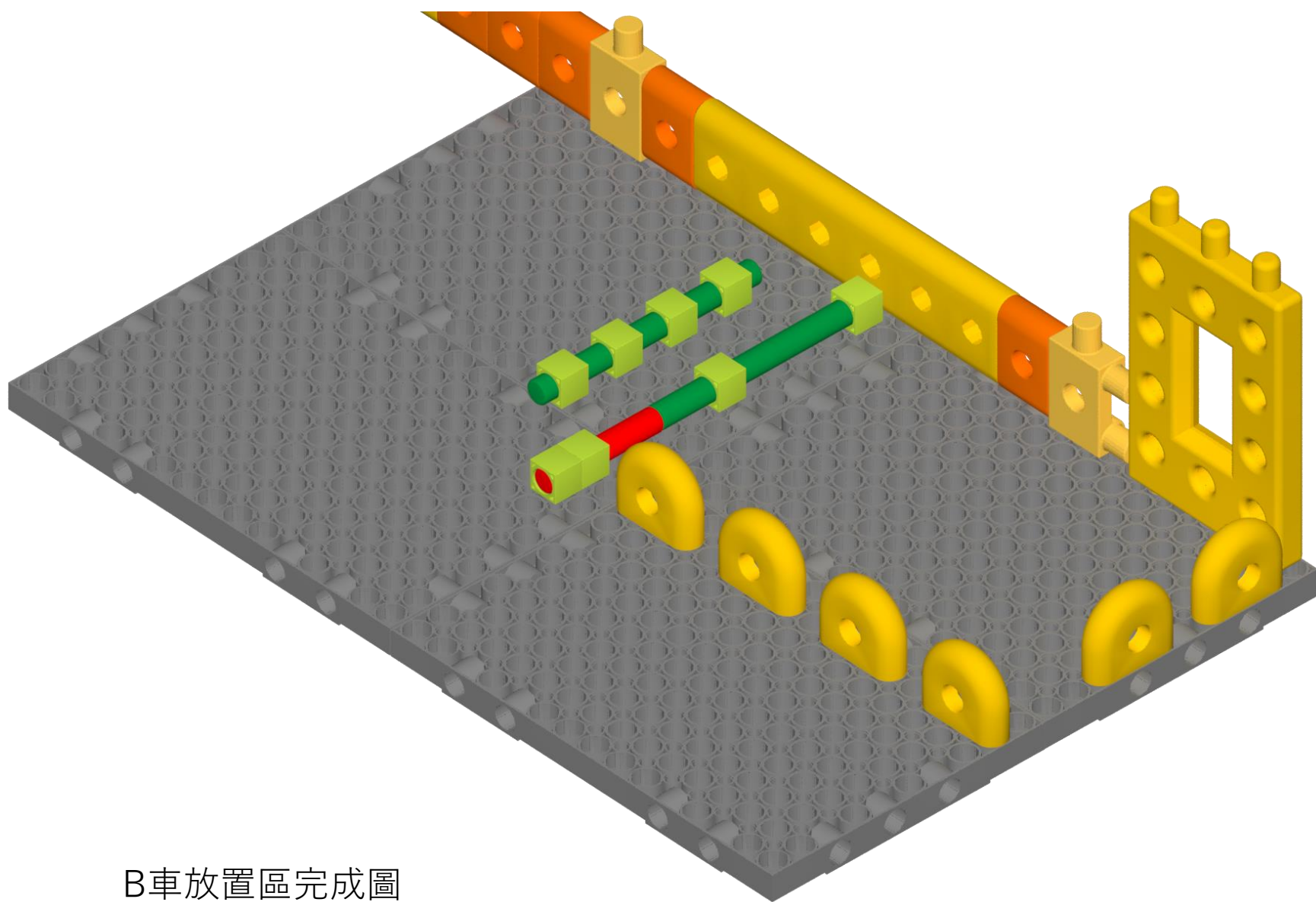
請將各橫桿與單孔單向軌道(6塊)
插入基座編號內的孔位
形成A車放置區

左側側牆

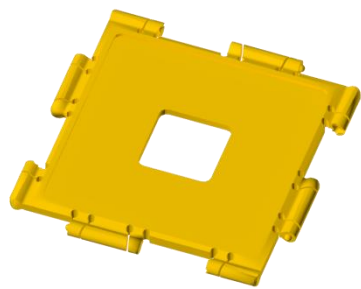




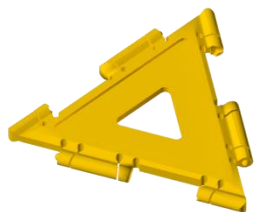
A車放置區完成圖



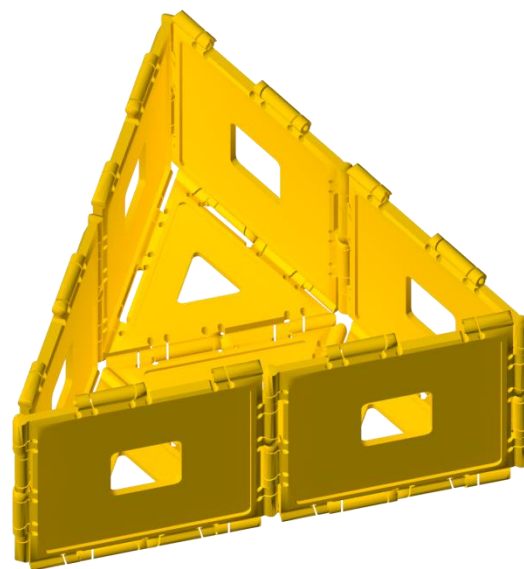
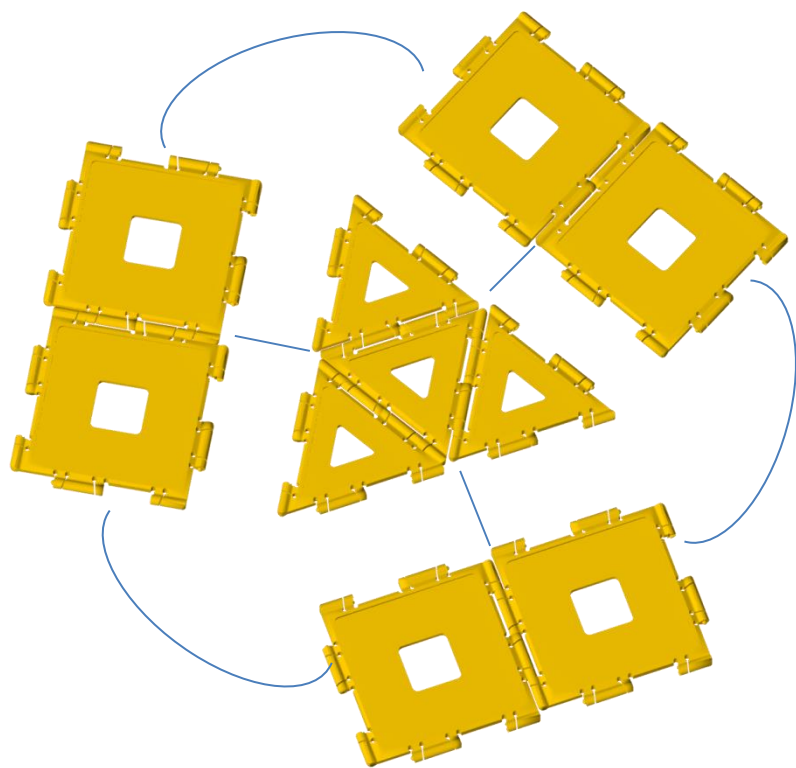
B車放置區完成圖



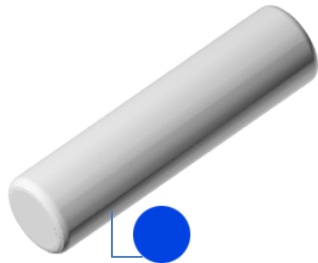
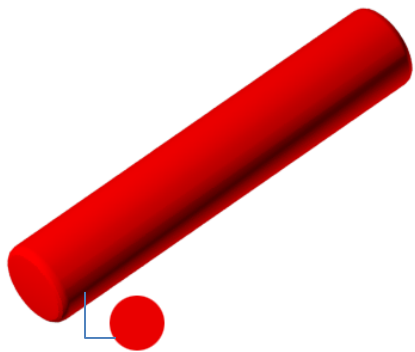
正方版6塊



正三角版4塊



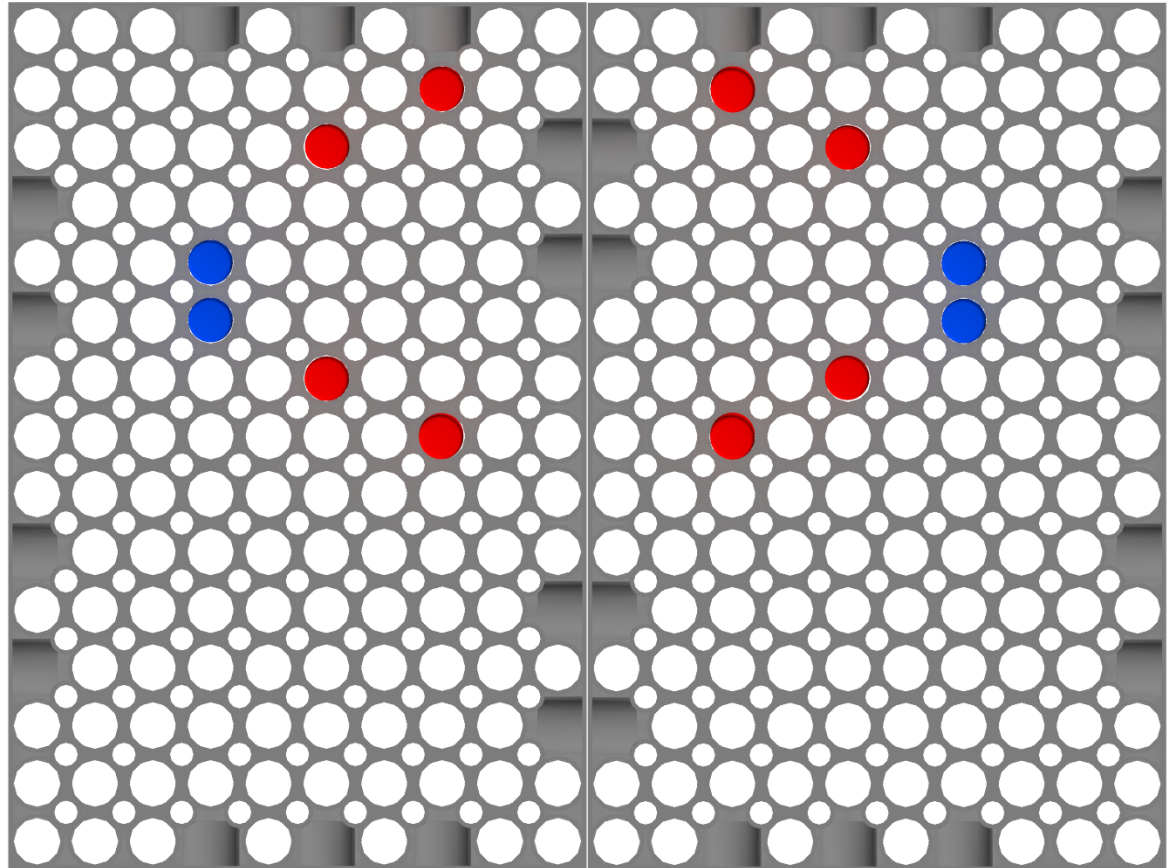
利用左圖所需零件
組成三角形容器
另有藍色半透明三角容器
也同樣依本步驟完成一份

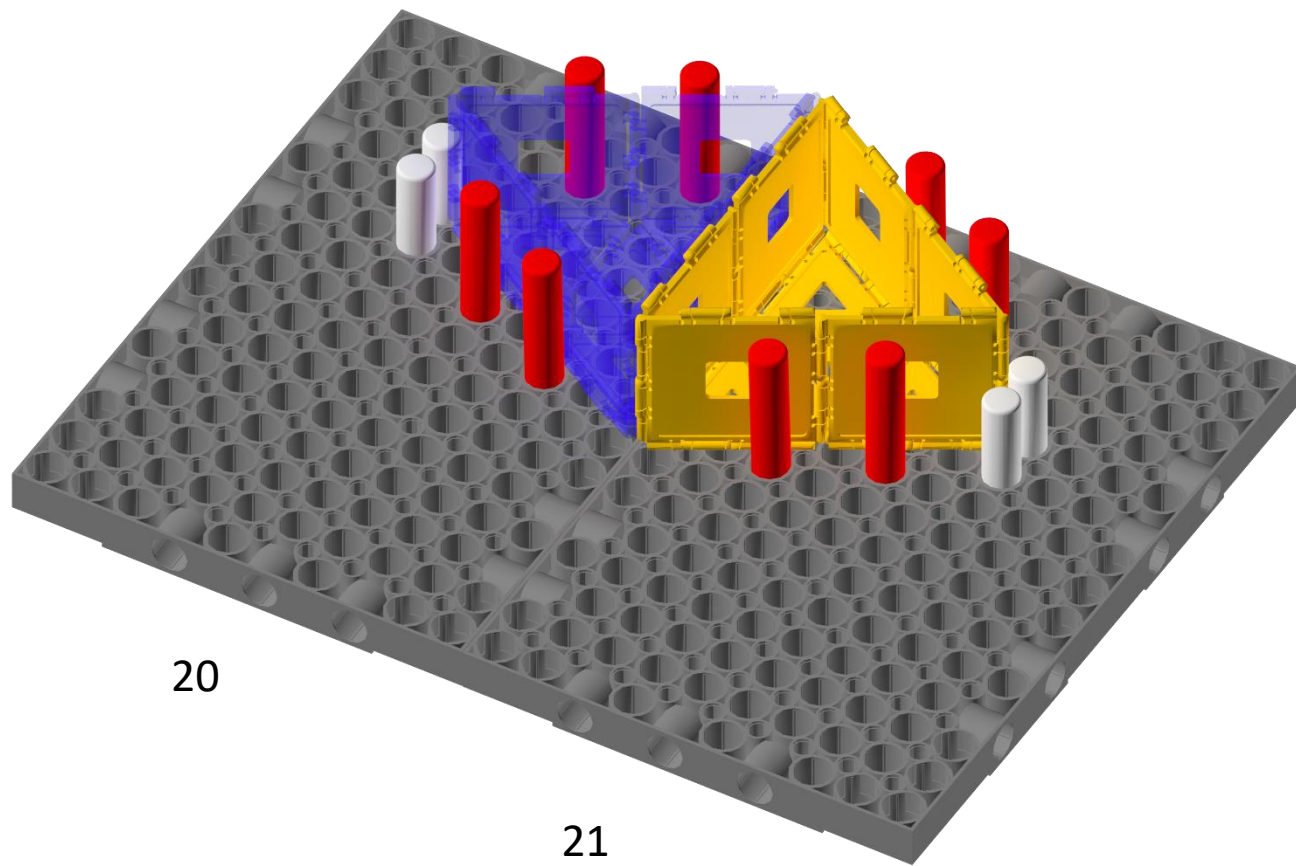


利用80mm圓棒與60mm圓棒插入
基座編號20,21相對顏色的孔位

20

21

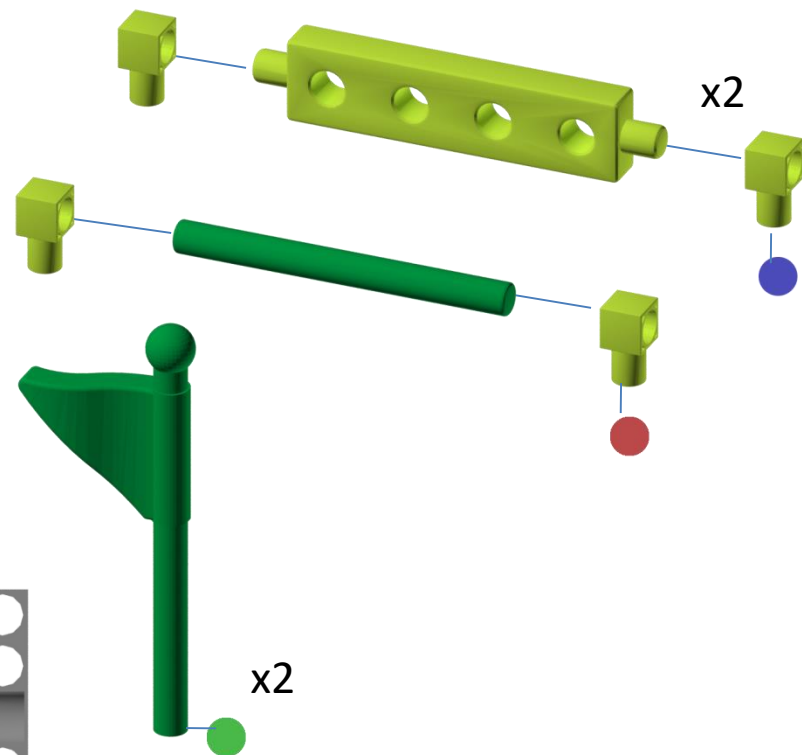
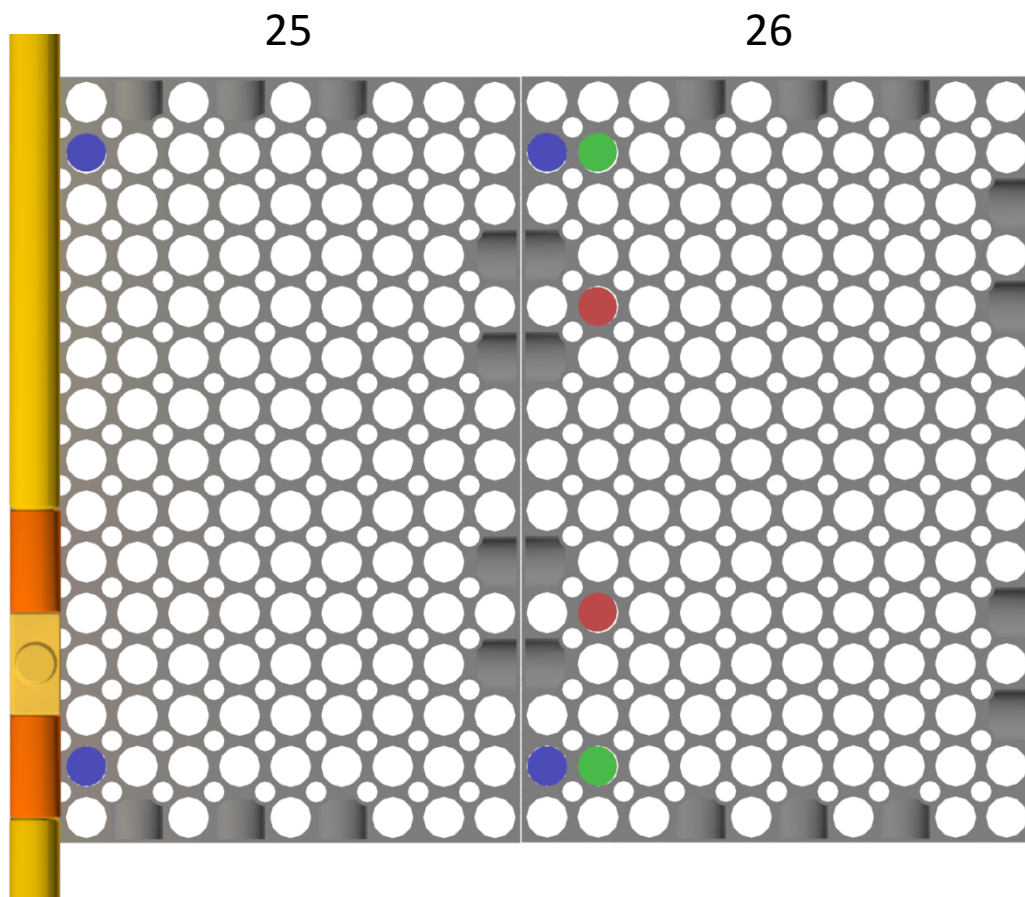


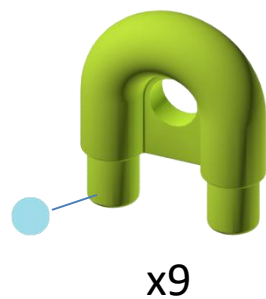
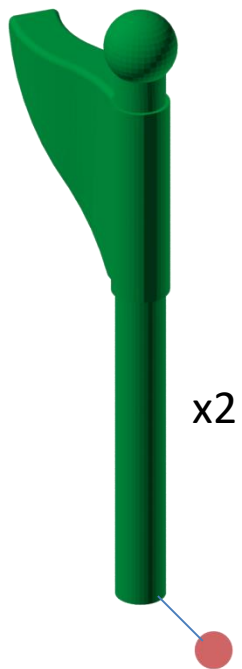


再將先前完成的兩件三角形容器
插入80mm與60mm圓棒組成的空間內部
形成R4M賽道中央得分區塊

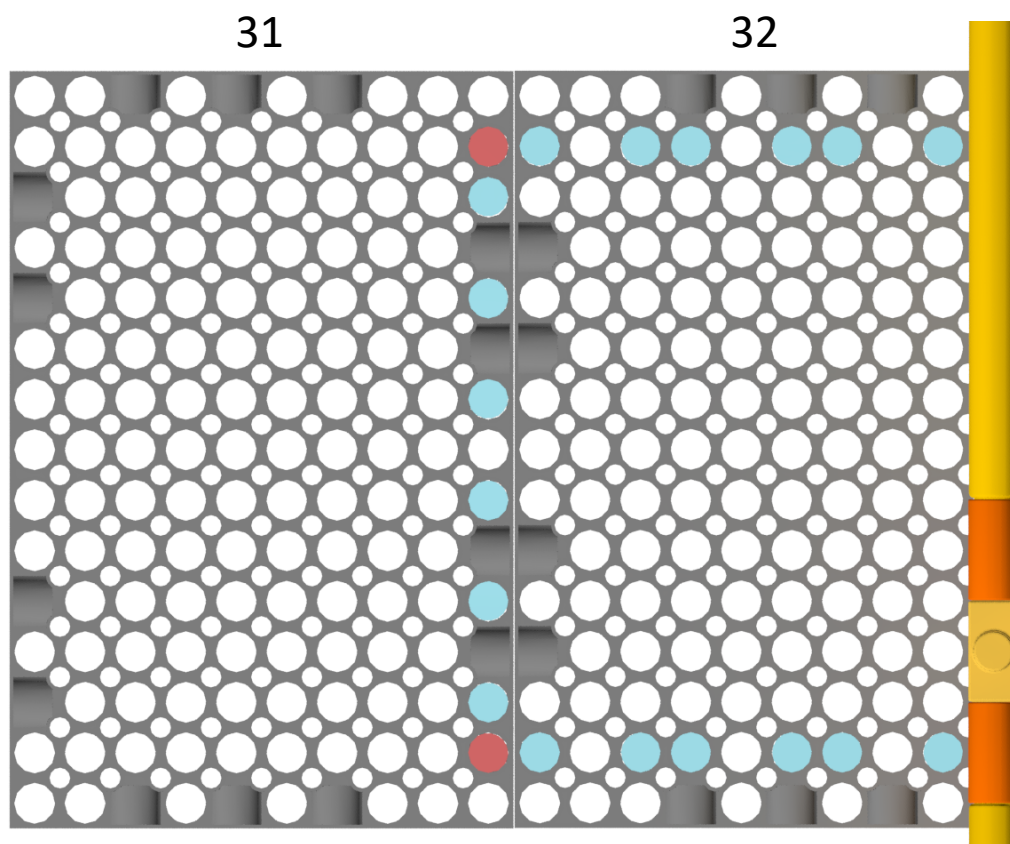
利用左側零件組裝組件
並插入基座編號25,26
相對顏色孔位

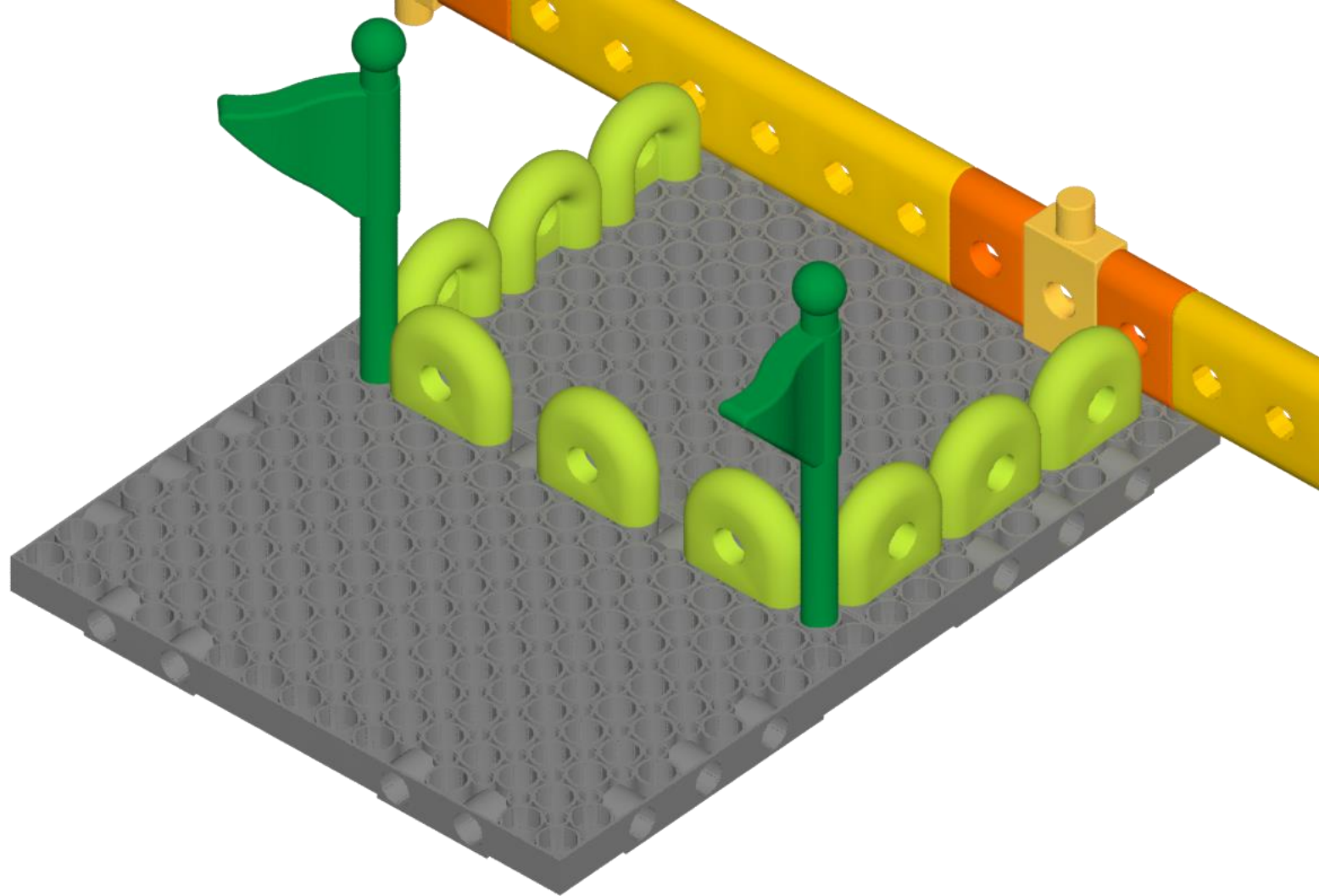
左側側牆



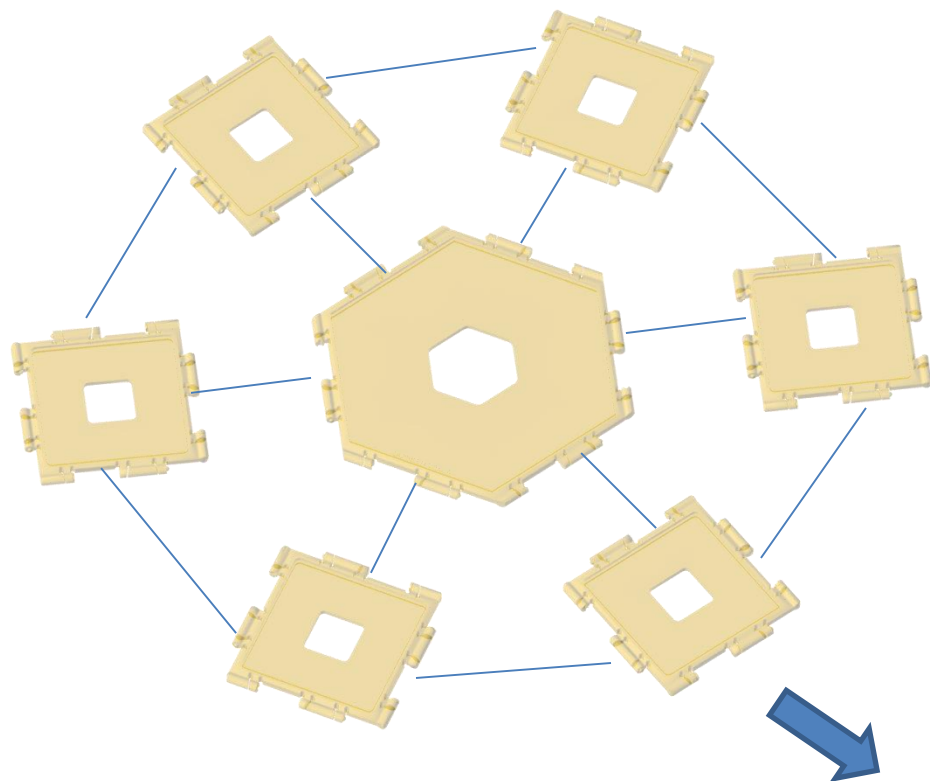


利用右側零件入基座編號31,32
相對顏色位置孔位





喜羊羊園區完成圖

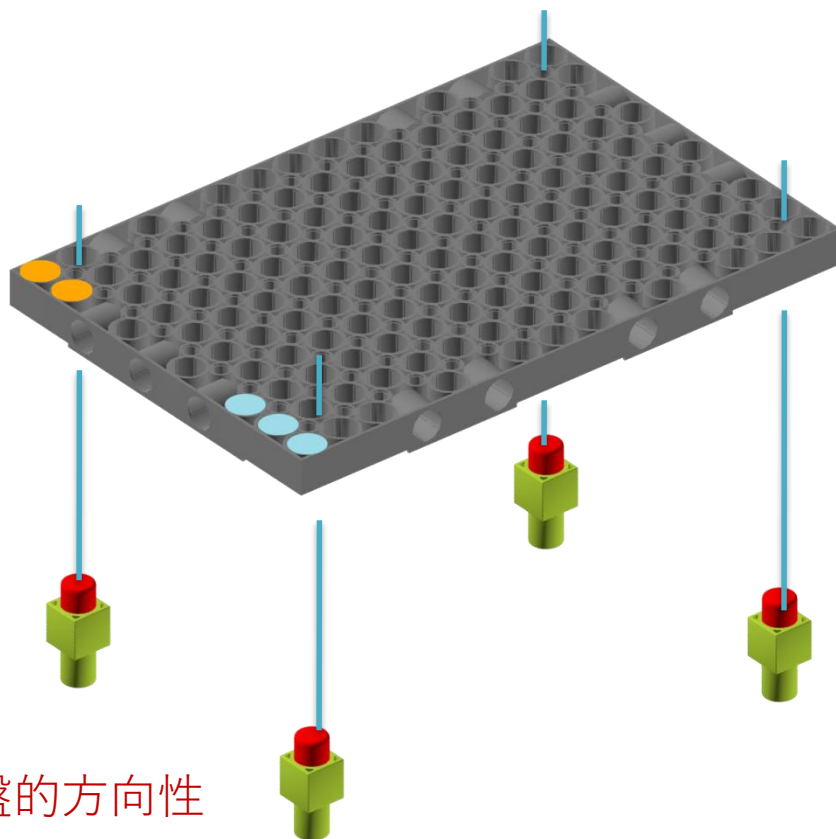
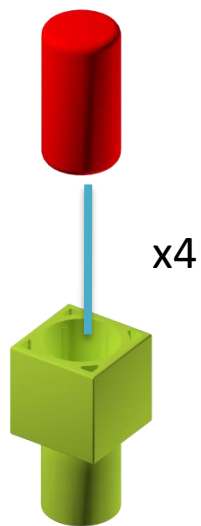


利用左側零件組成六角形容器
正方板x6 正六角板x1

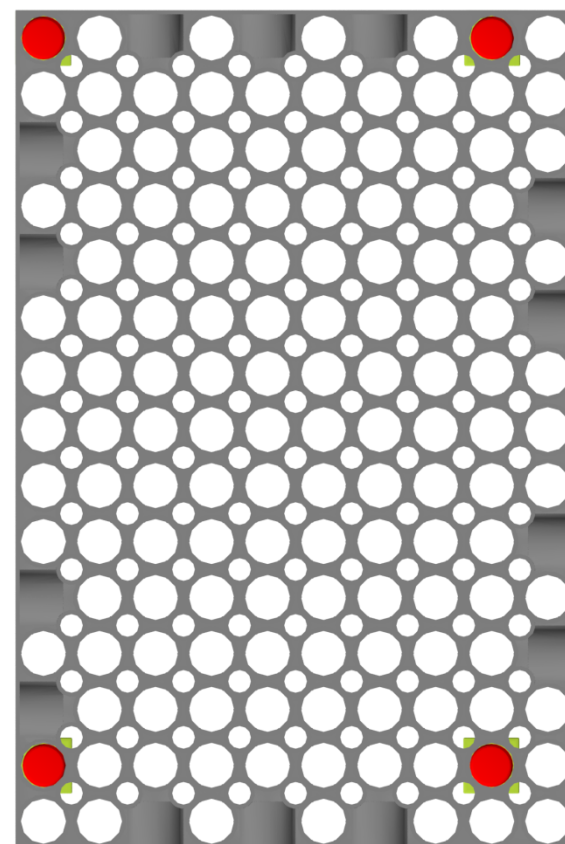


另有透明綠正六角形容器
也同樣依本步驟進行組裝

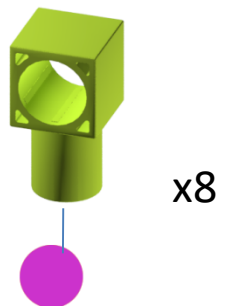
利用一大底盤與左圖組出4組支撐柱體
由下方相互組成E飼料堆放區平台



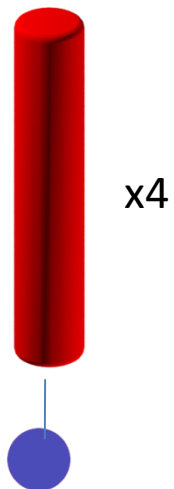
請參照下圖孔位組合



注意大底盤的方向性

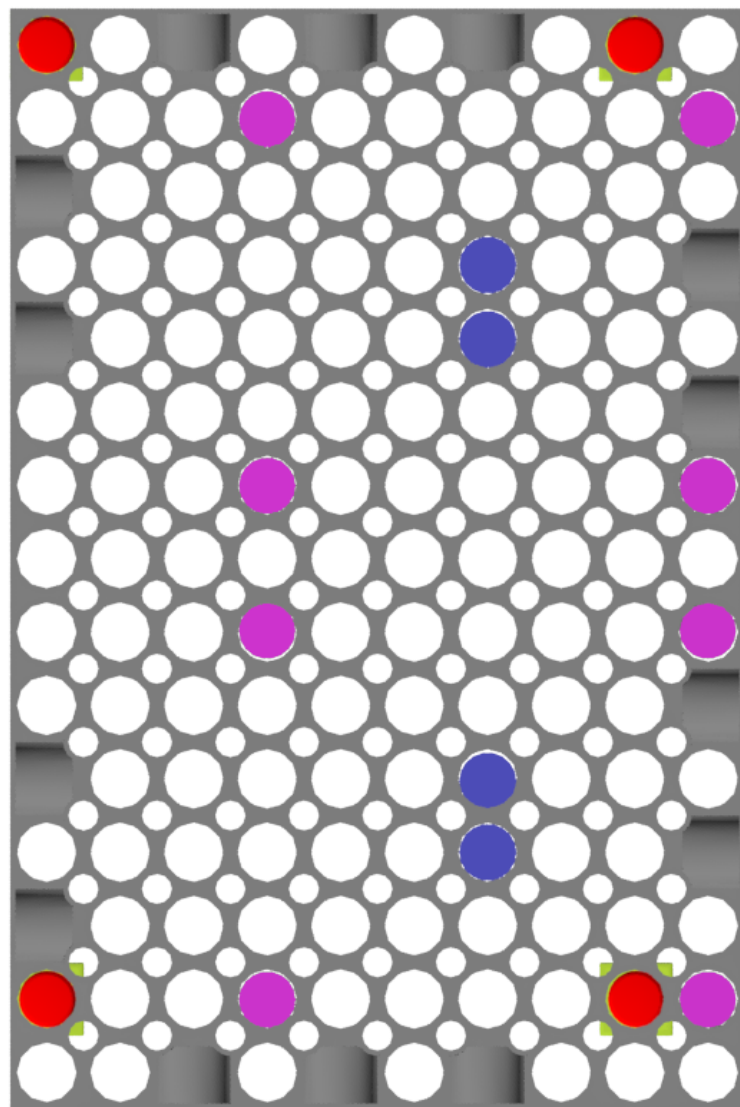
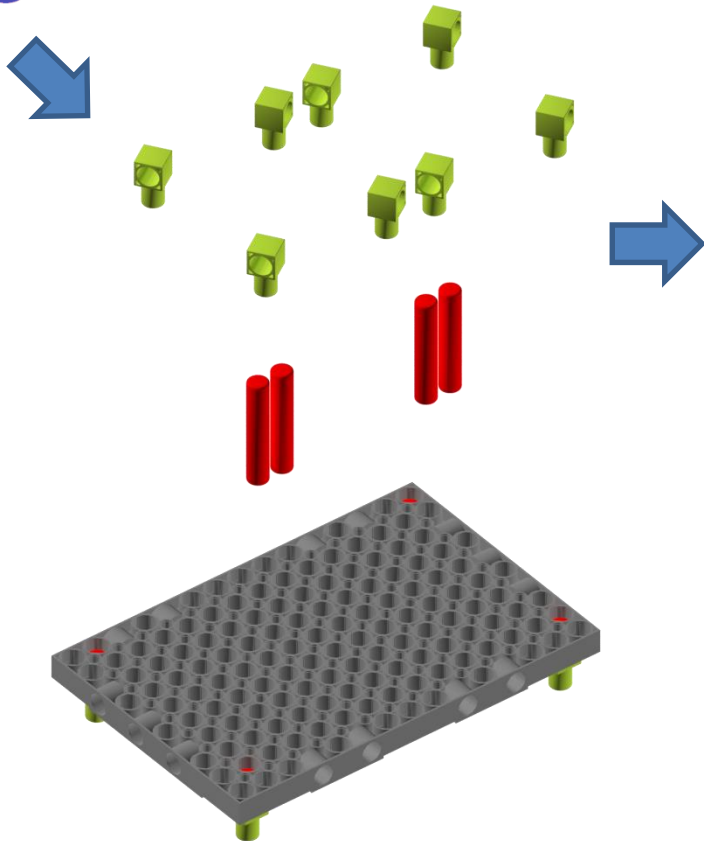


x8

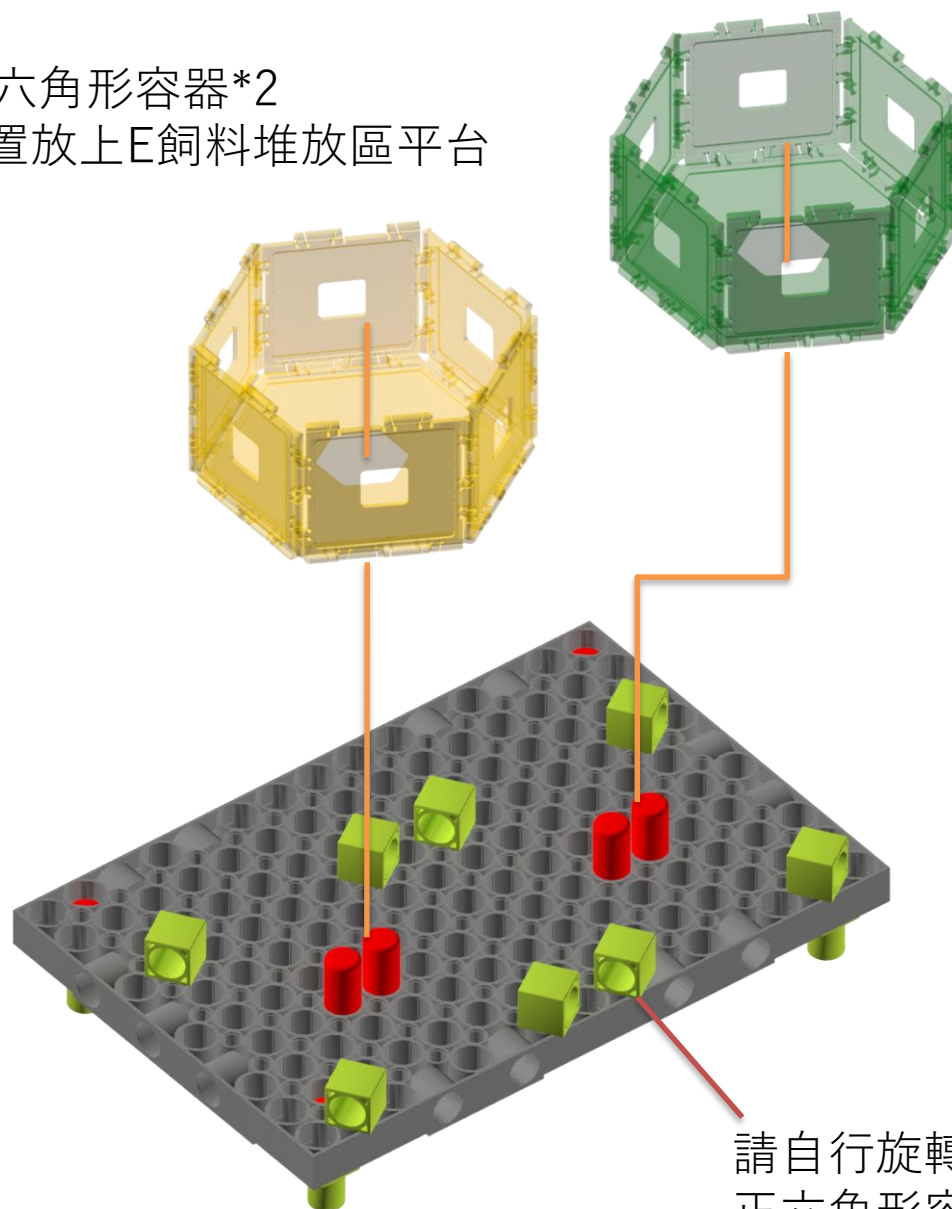


x4

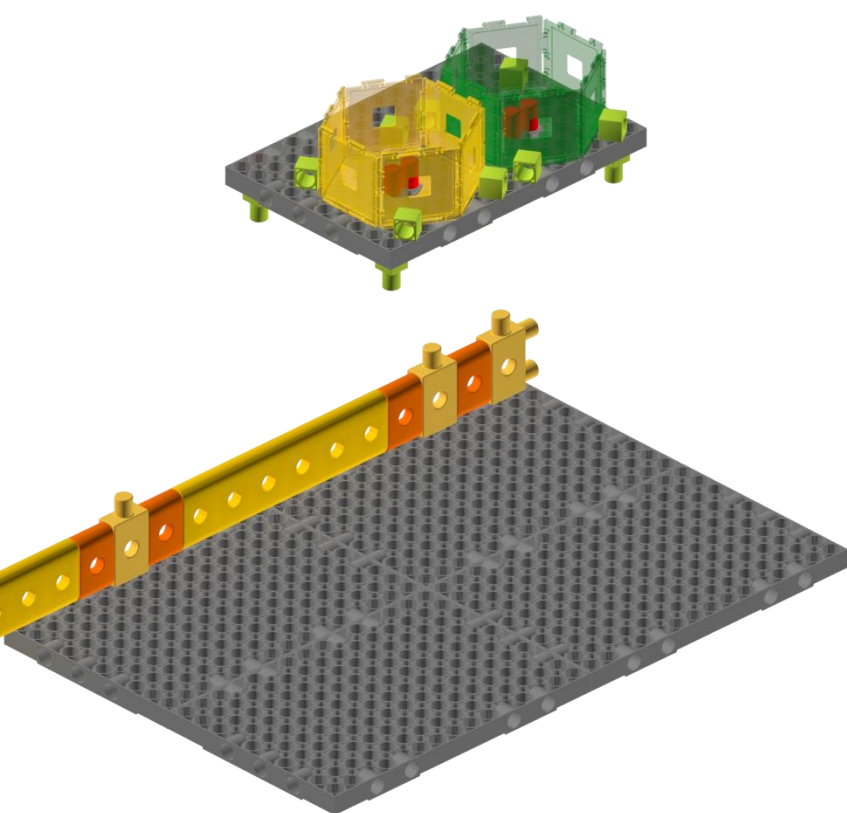
利用90度結合器與80mm圓棒
由上方插入E飼料堆放區平台
顏色相對孔位



將先前製作完成正六角形容器*2
透過80mm圓棒位置放上E飼料堆放區平台

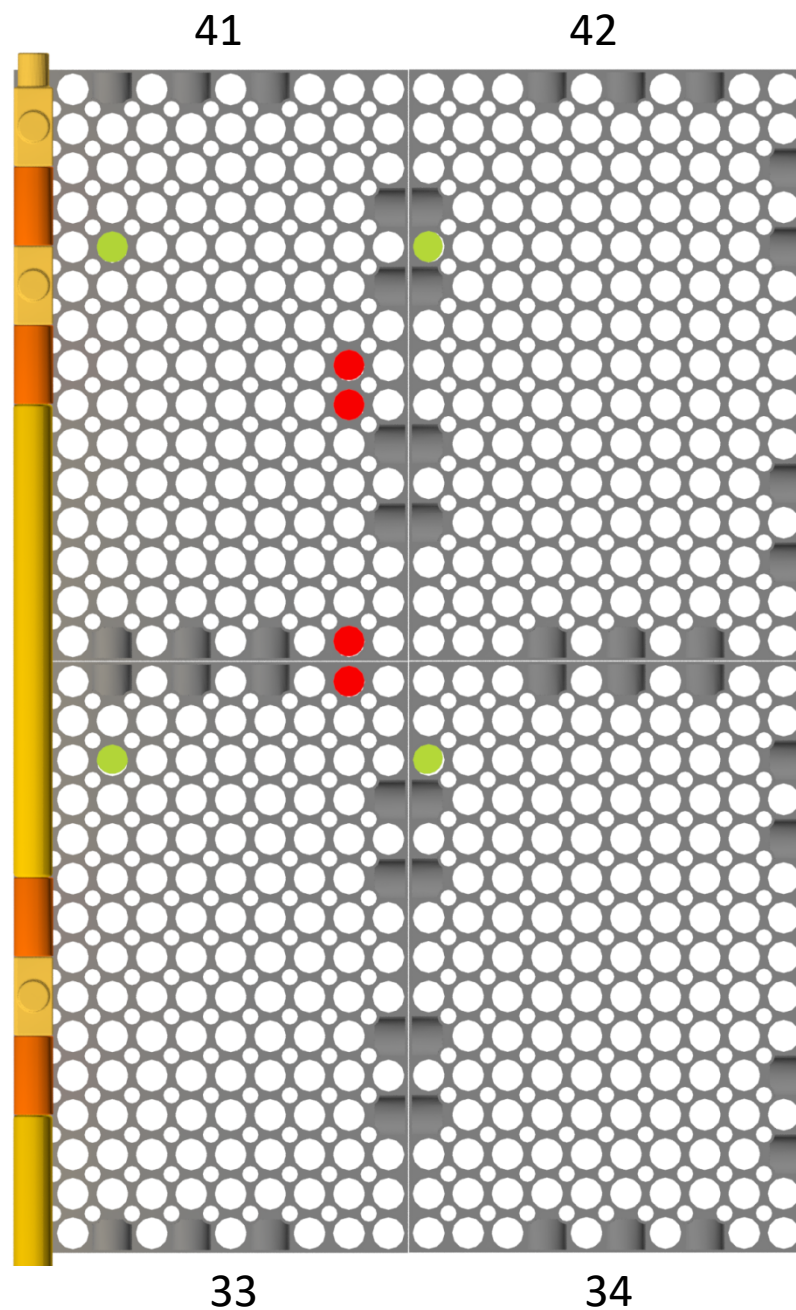


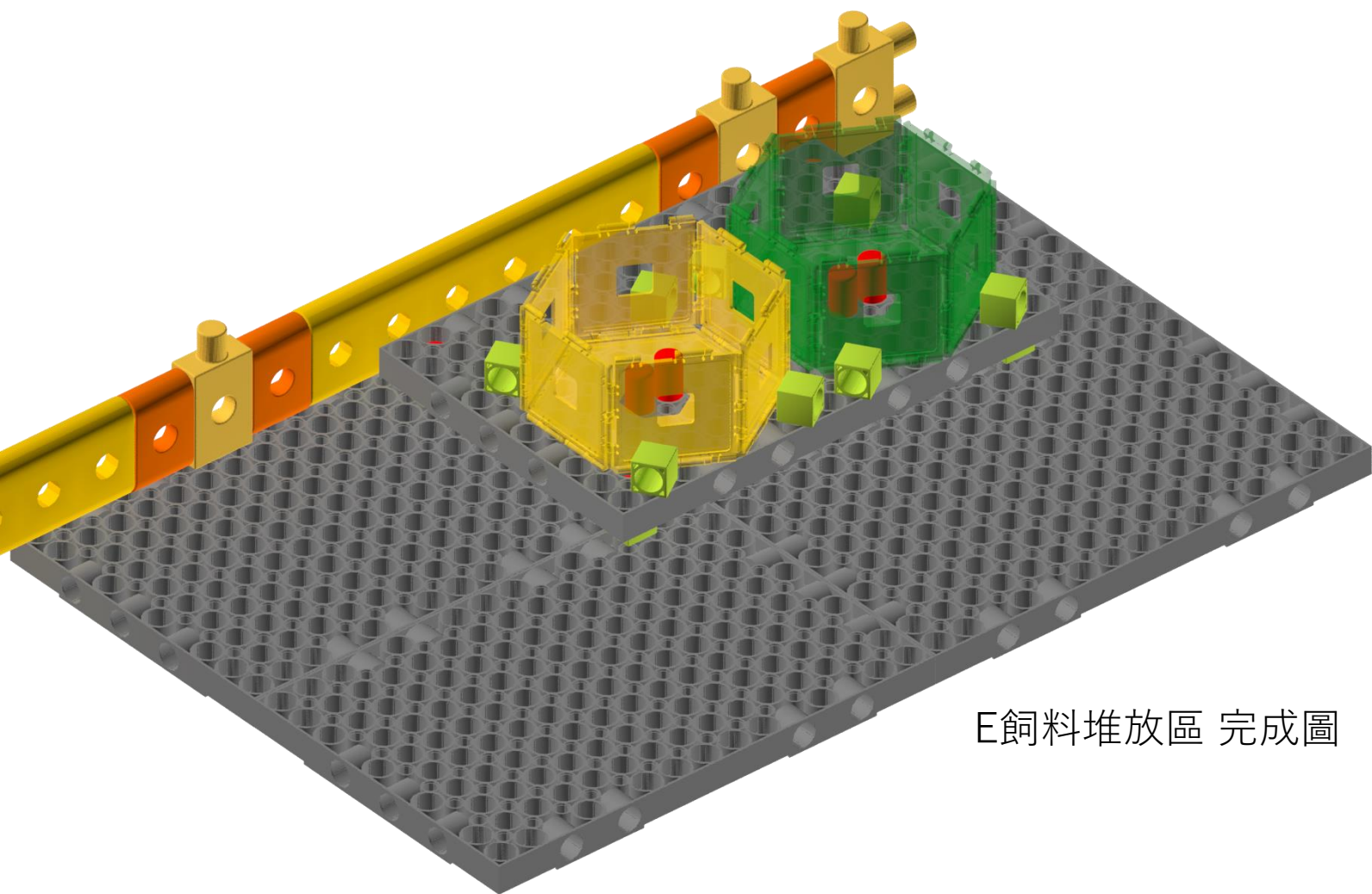
請自行旋轉90度結合器以配合
正六角形容器放入



將E飼料堆放區的支撐柱體與80mm圓棒
插入基座編號33,34,41,42的對應孔位
(參照右圖孔位)

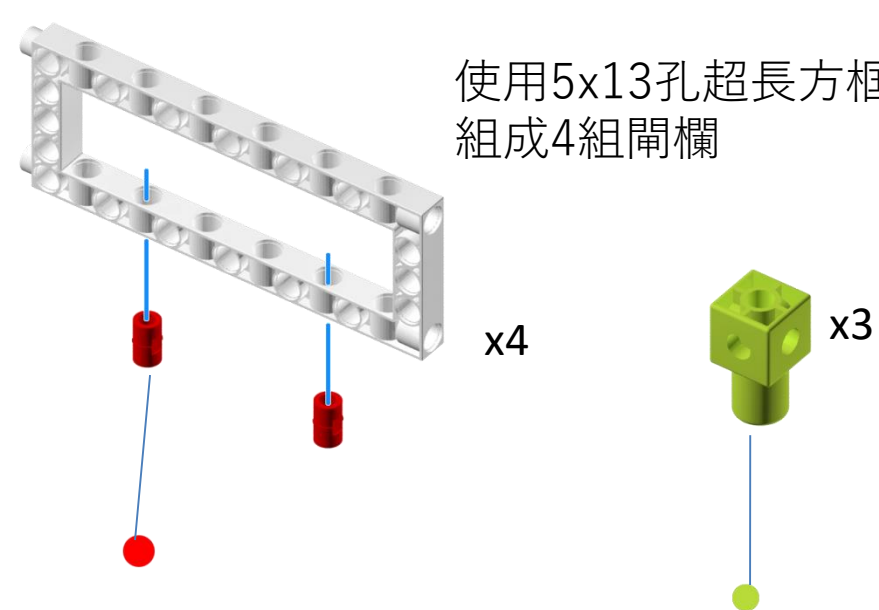
左側側牆



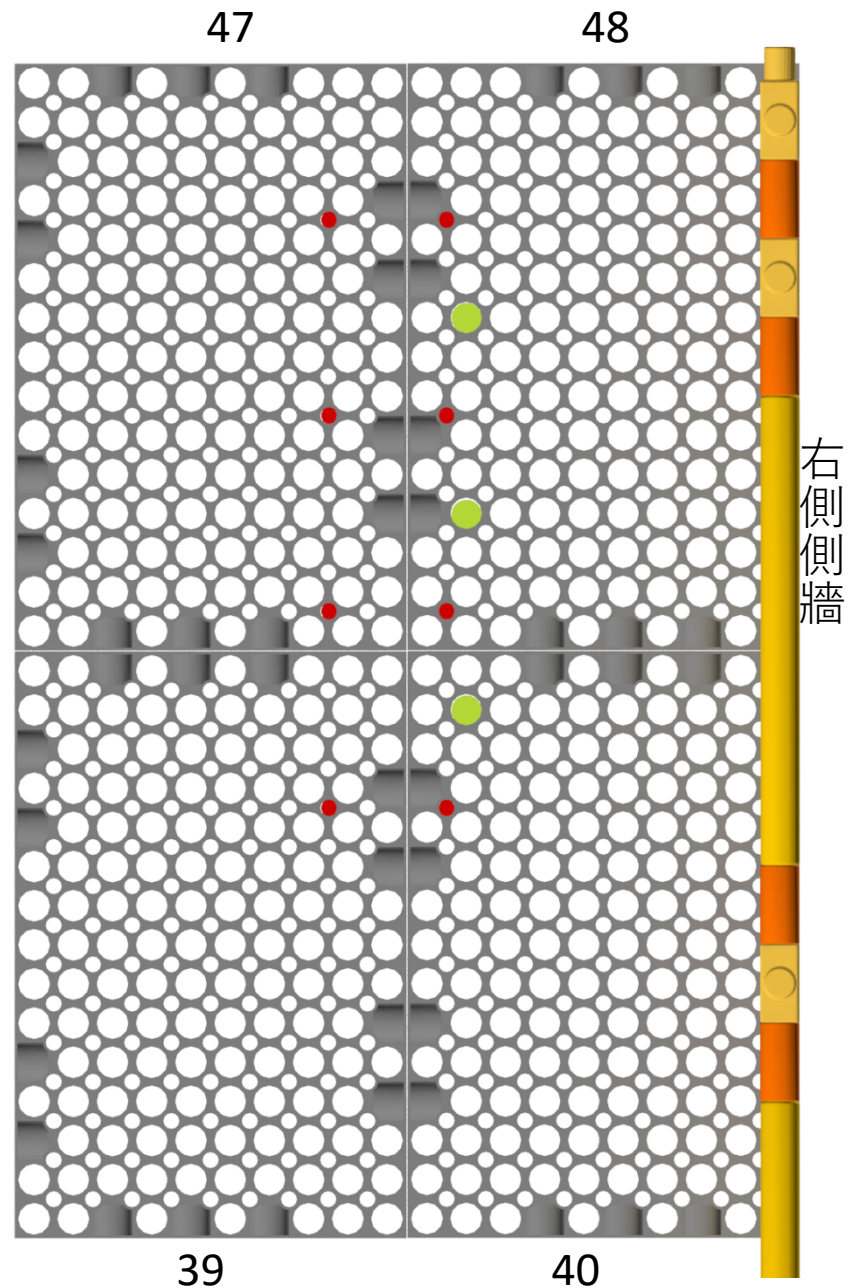


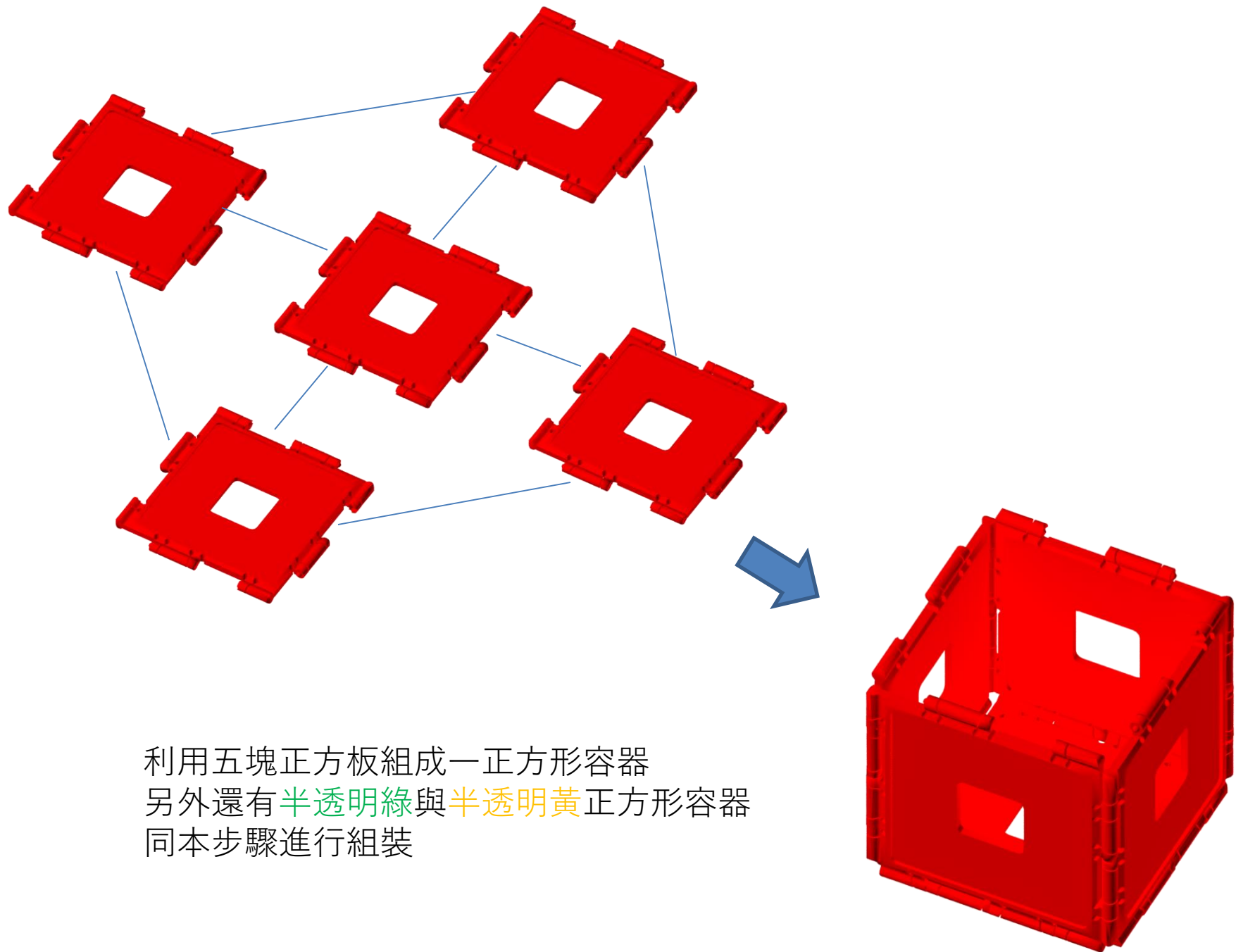
E飼料堆放區 完成圖

使用5x13孔超長方框與C-長結合鍵
組成4組閘欄



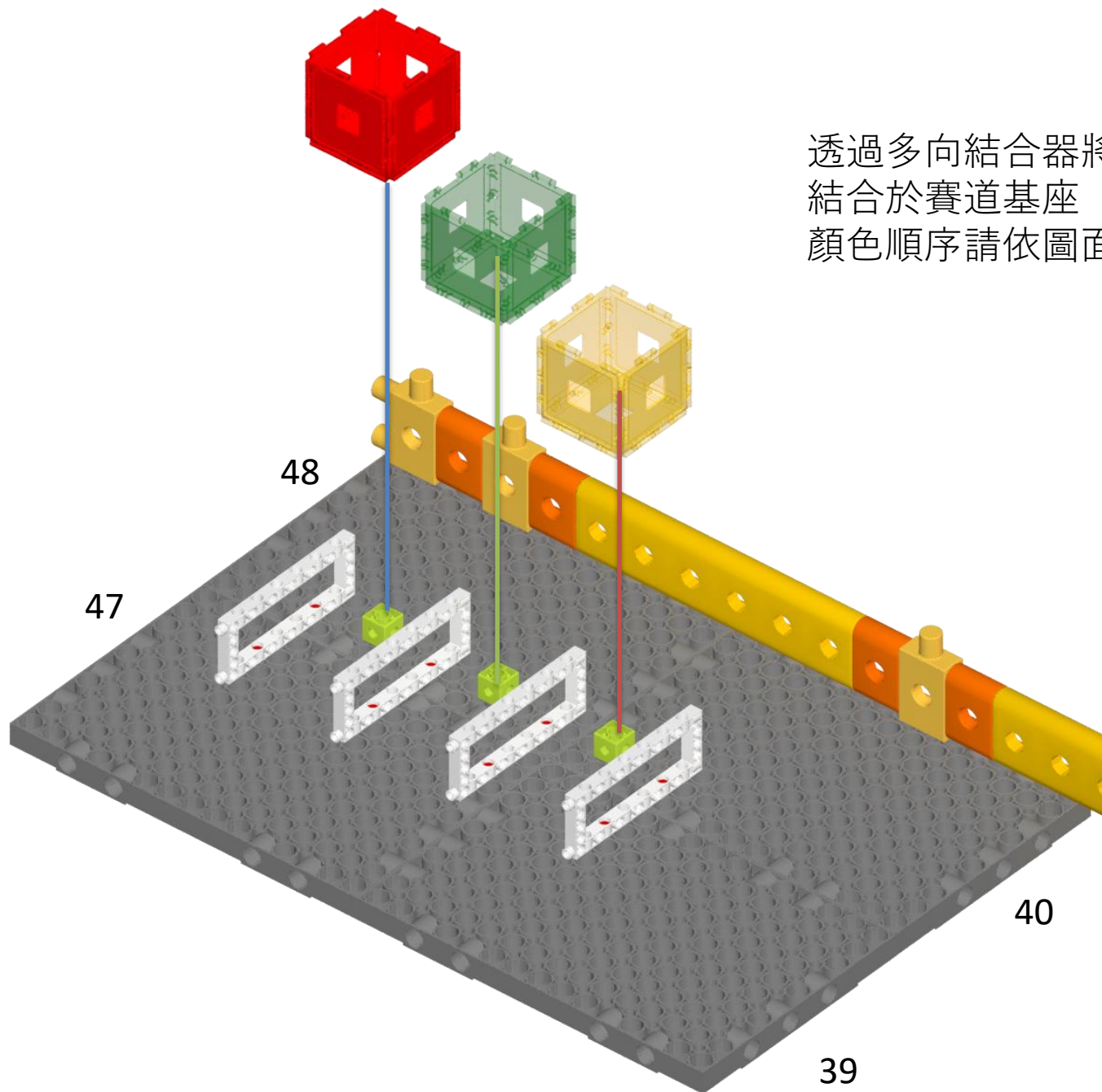
將4組閘欄與3顆多向轉接器
插入基座編號39,40,47,48
相對顏色對應孔位

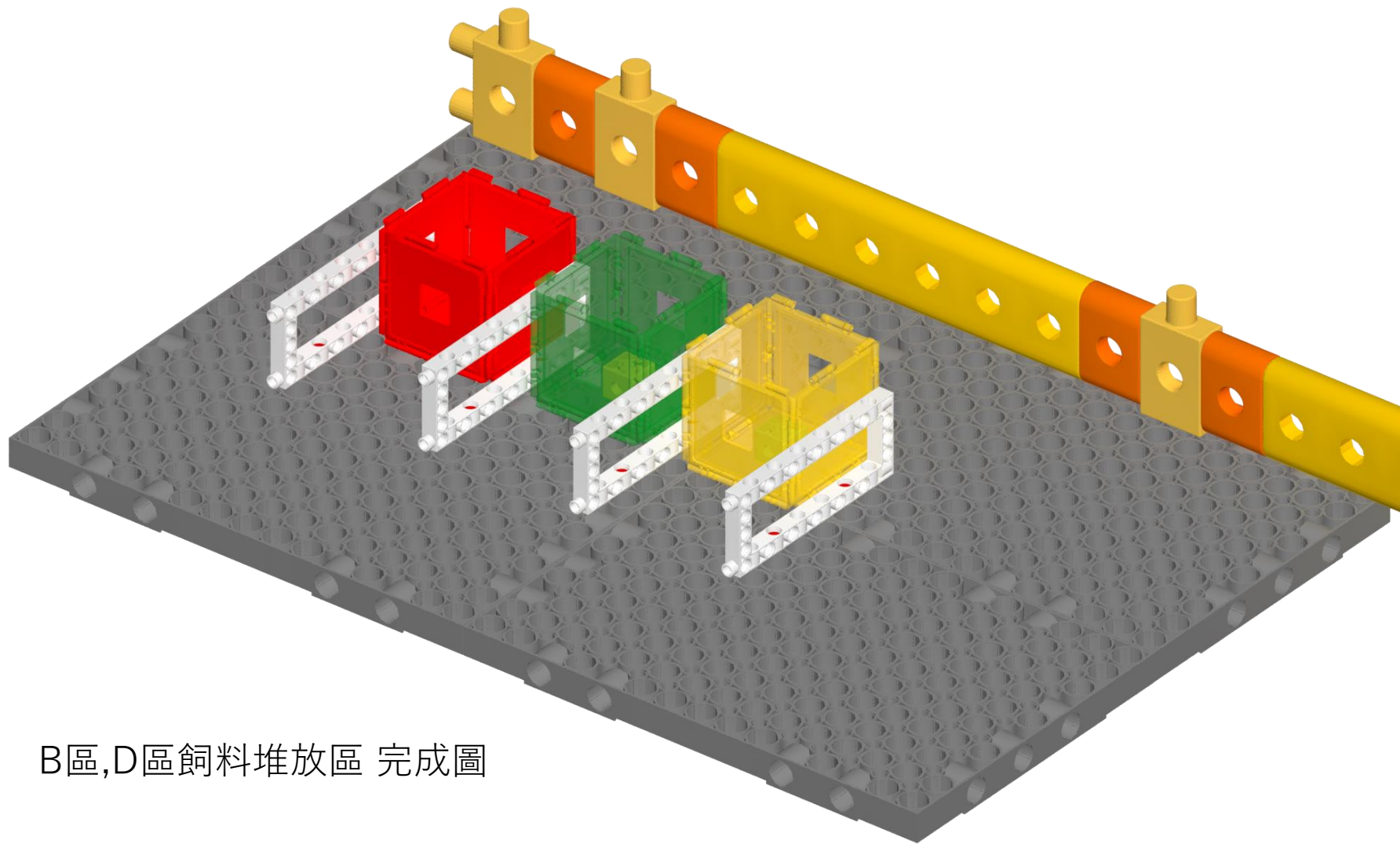




利用五塊正方板組成一正方形容器
另外還有半透明綠與半透明黃正方形容器
同本步驟進行組裝

透過多向結合器將3件正方形容器
結合於賽道基座
顏色順序請依圖面上紅綠黃順組裝

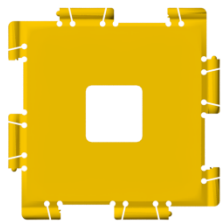




B區,D區飼料堆放區 完成圖



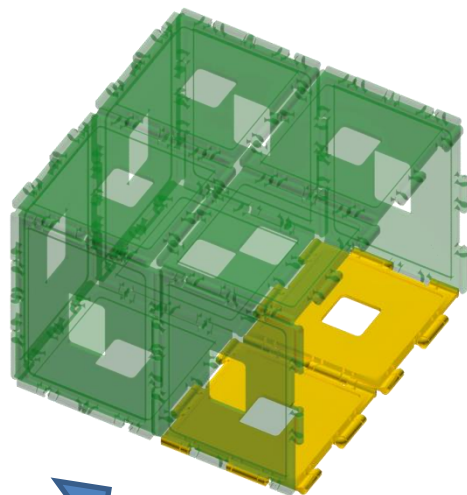
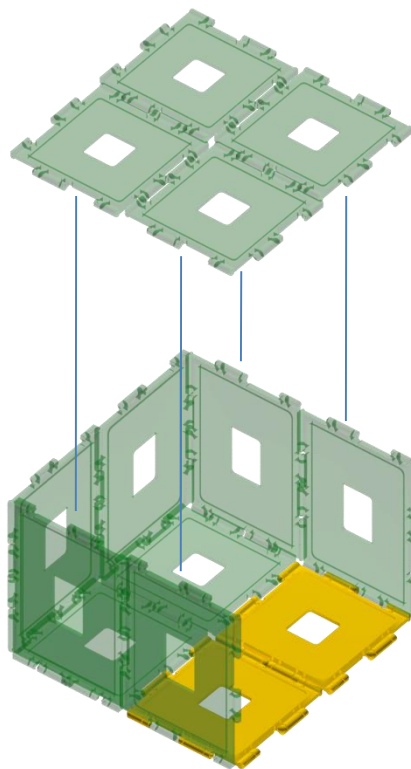
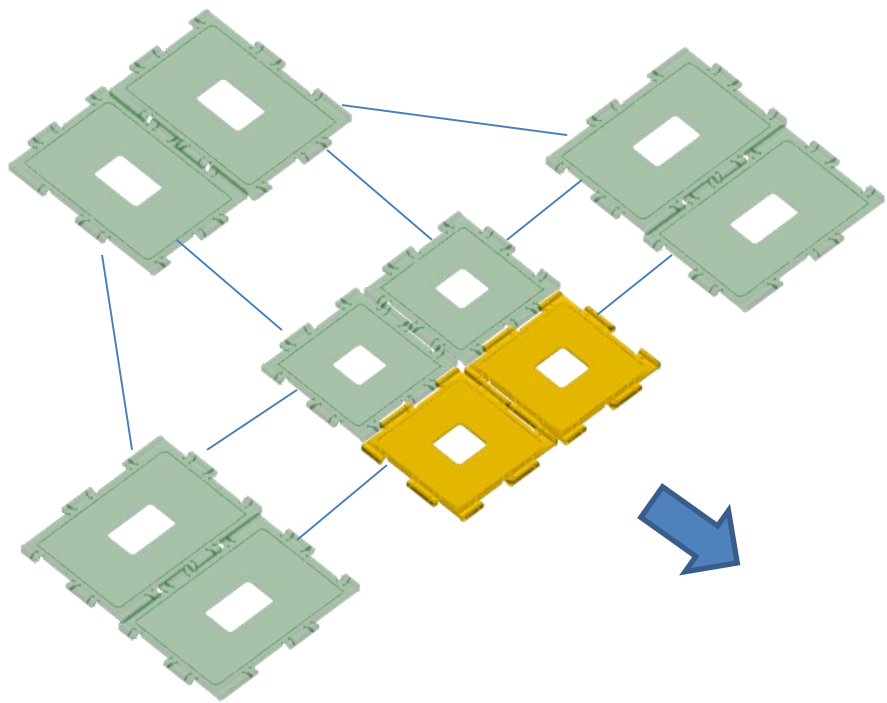
x6



x2



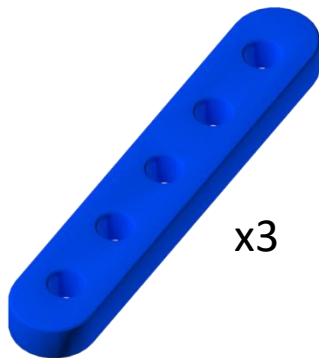
x6



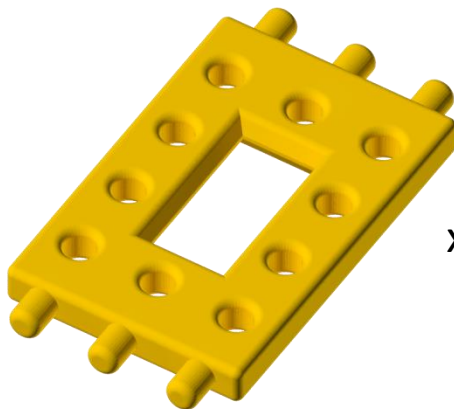
依上圖零件照順序組出一得分方體



x2

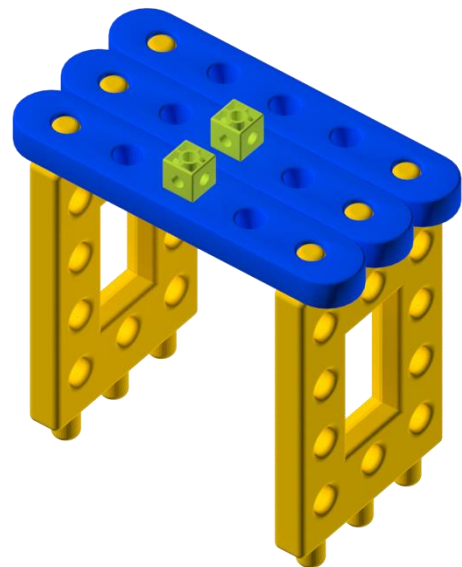
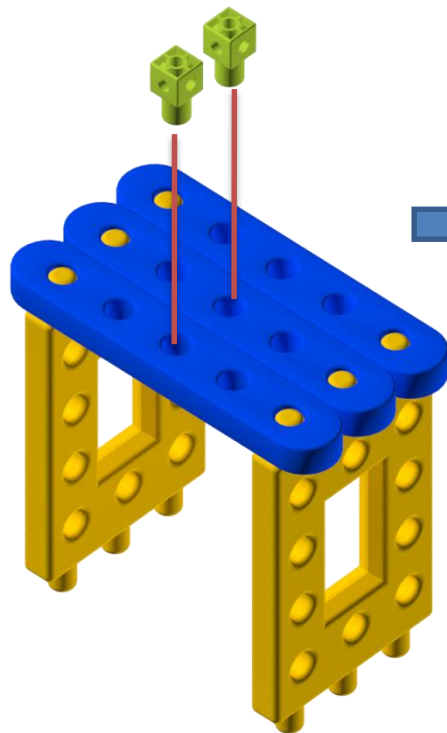
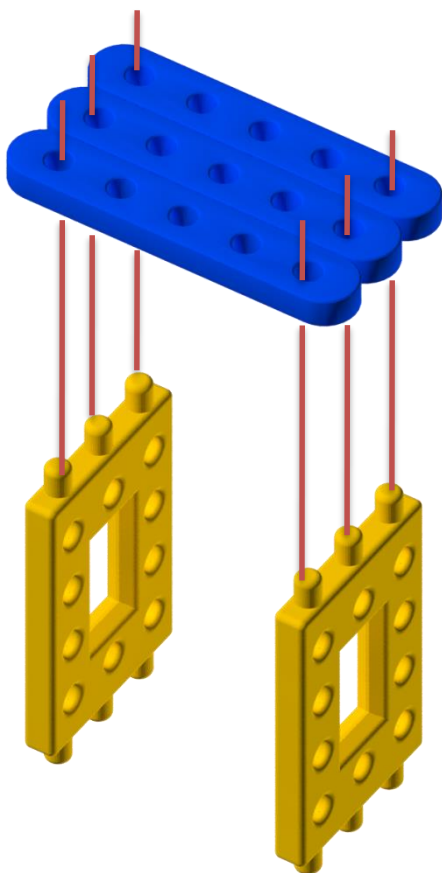


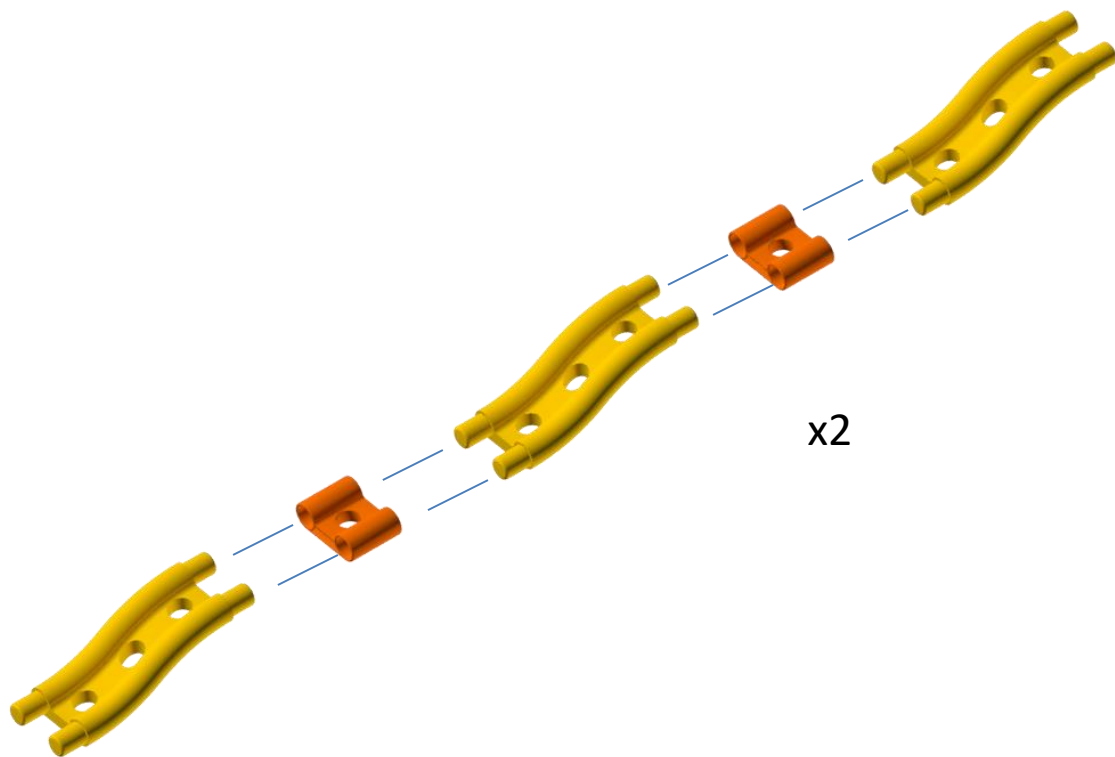
x3



x2

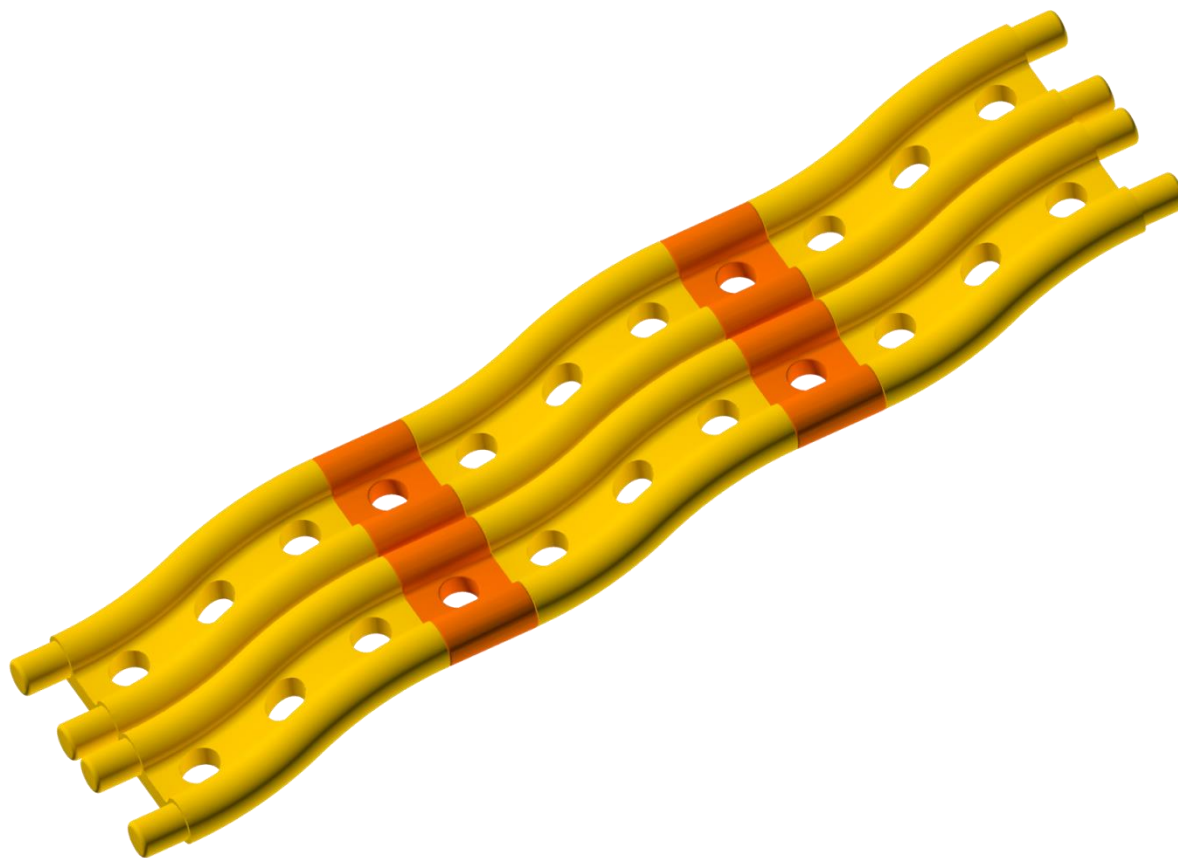
使用左列零件組成下圖物件

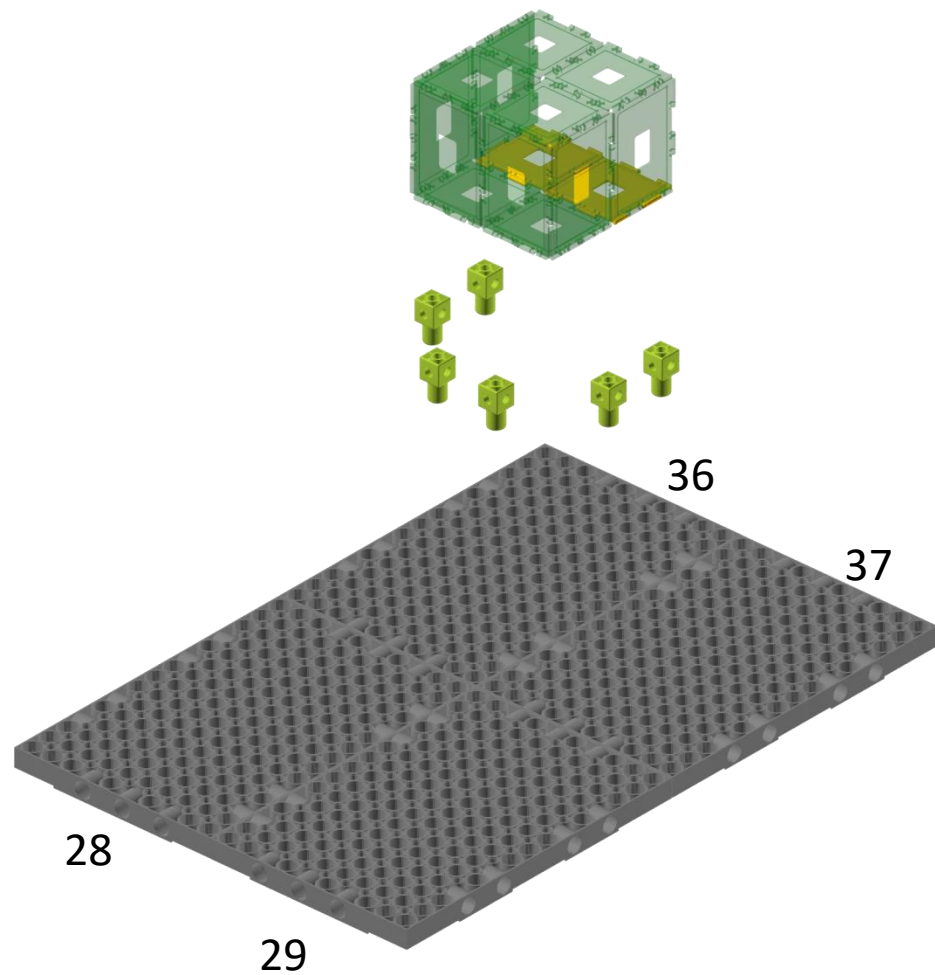




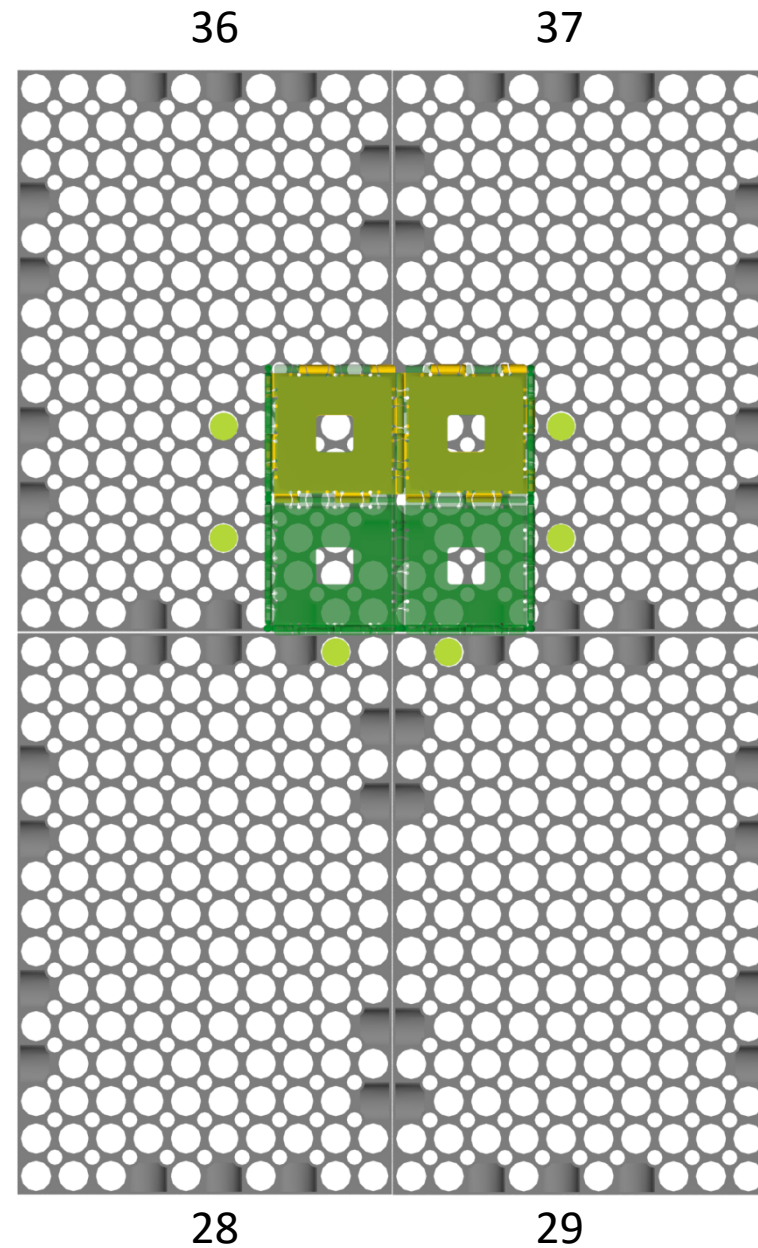
x2

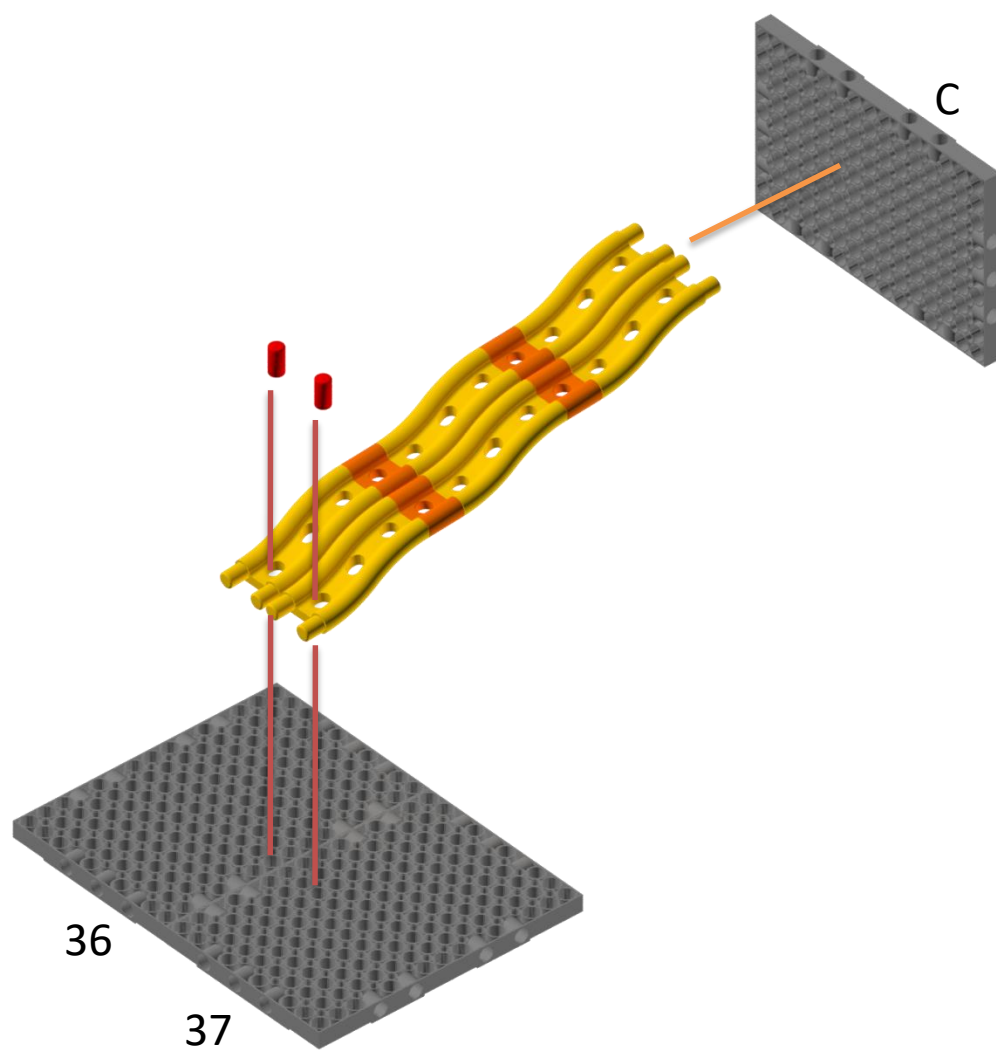
使用3孔斜坡軌道與軌道結合器
組成2組連續坡道





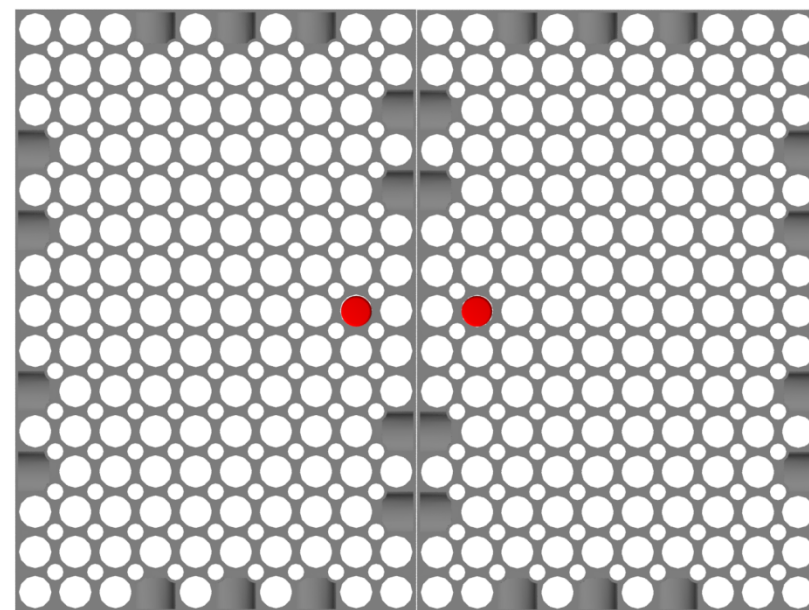
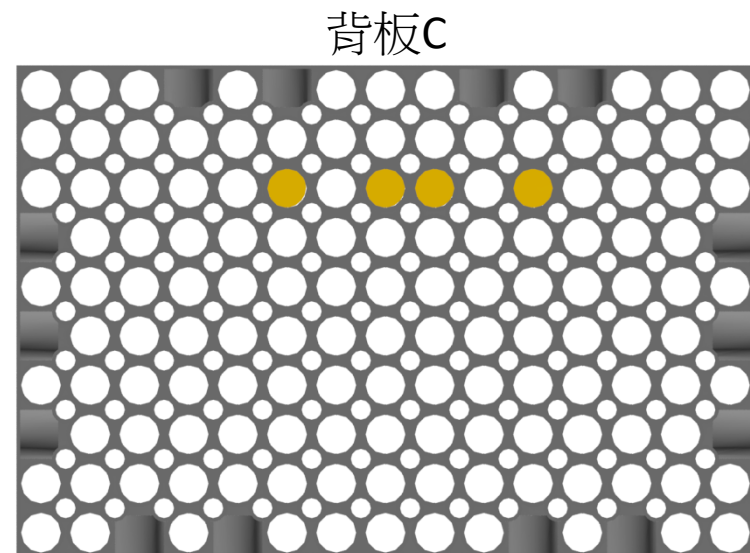
將多向轉接器插入基座編號28,29,36,37
 綠色孔位中(參照左圖)
 並將方體放置其中(開口處朝向背板)





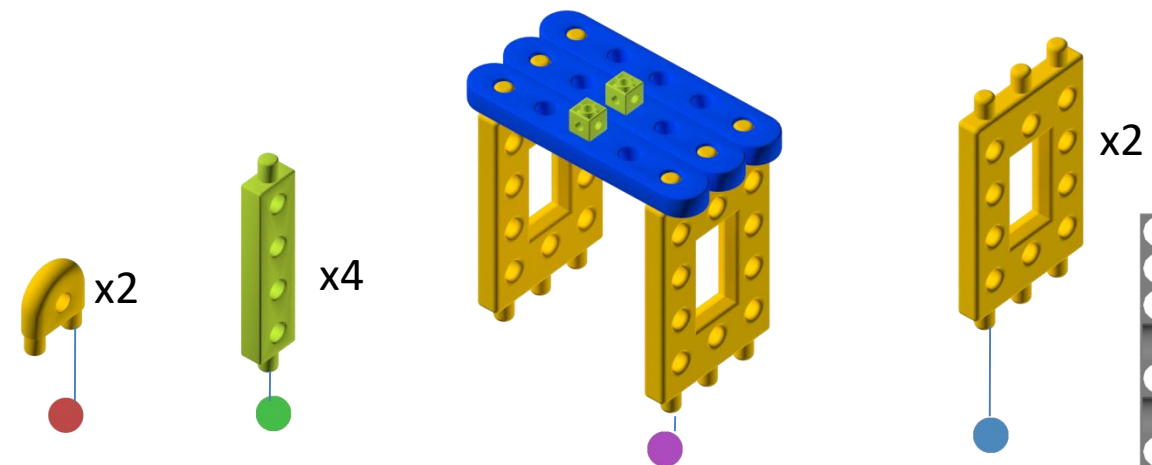
將兩組連續坡道插入背板C
 並用30mm圓棒固定於基座編號36,37
 請參照右圖相對應顏色孔位

注意:連續坡道會與方體開口底處交疊

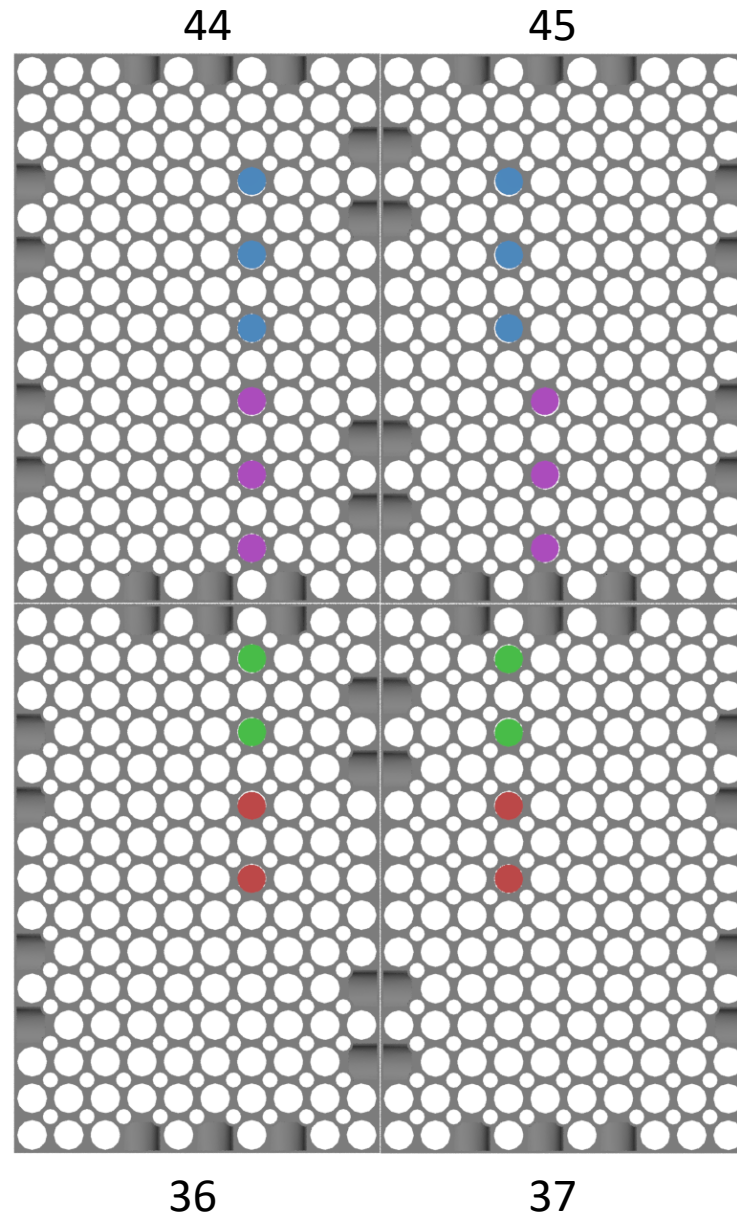


36

37

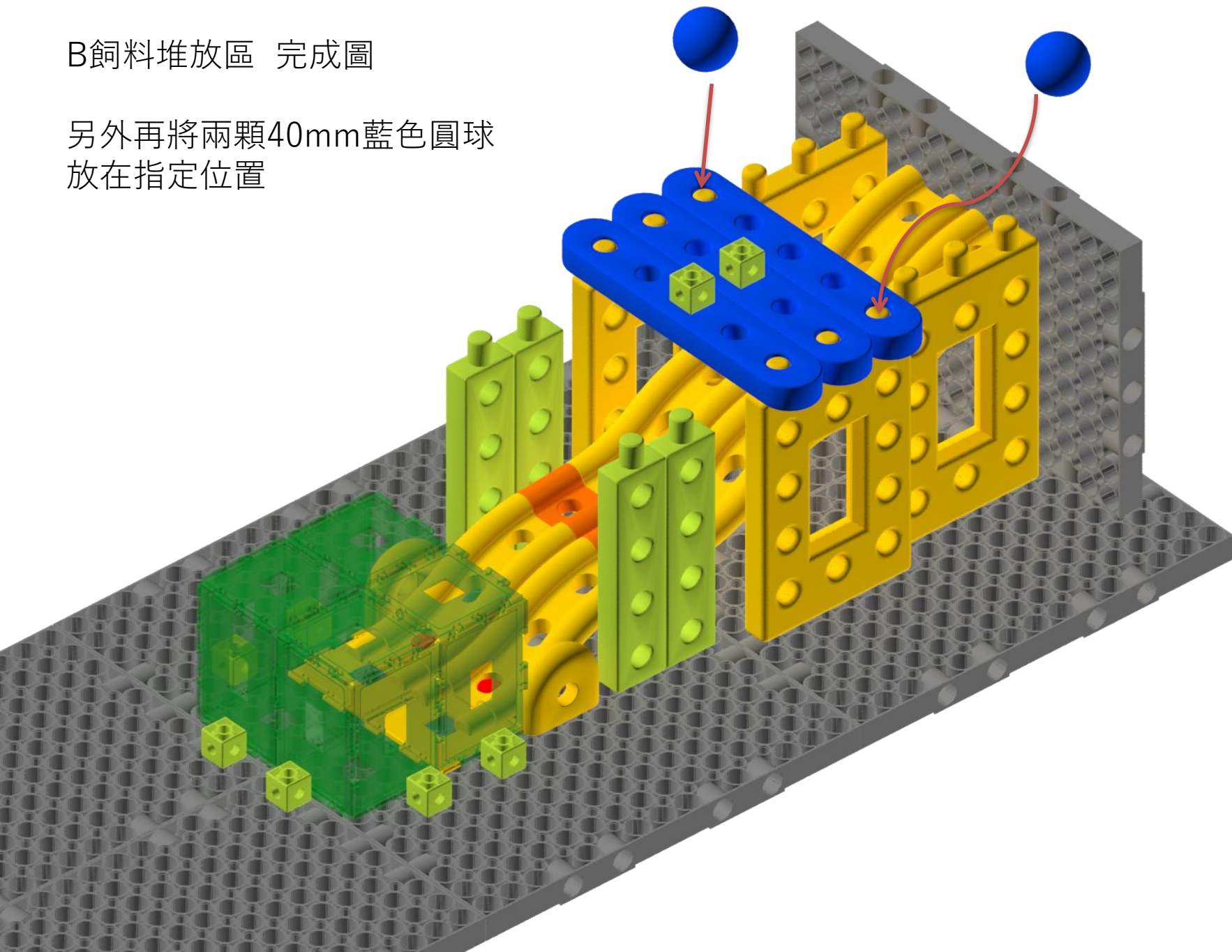


將上列零件與組件
插入基座編號36,37,44,45
相對應顏色的孔位中

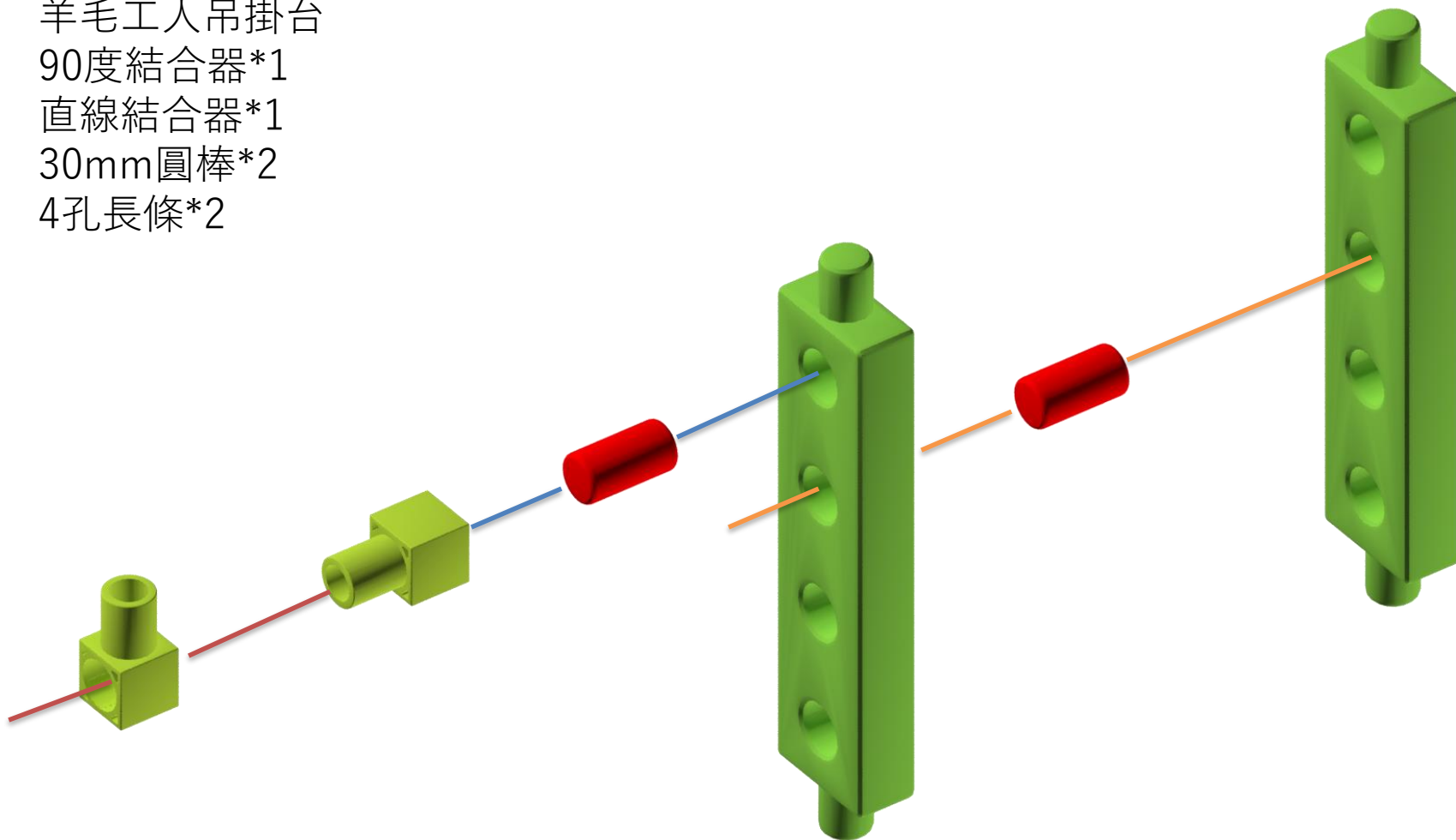


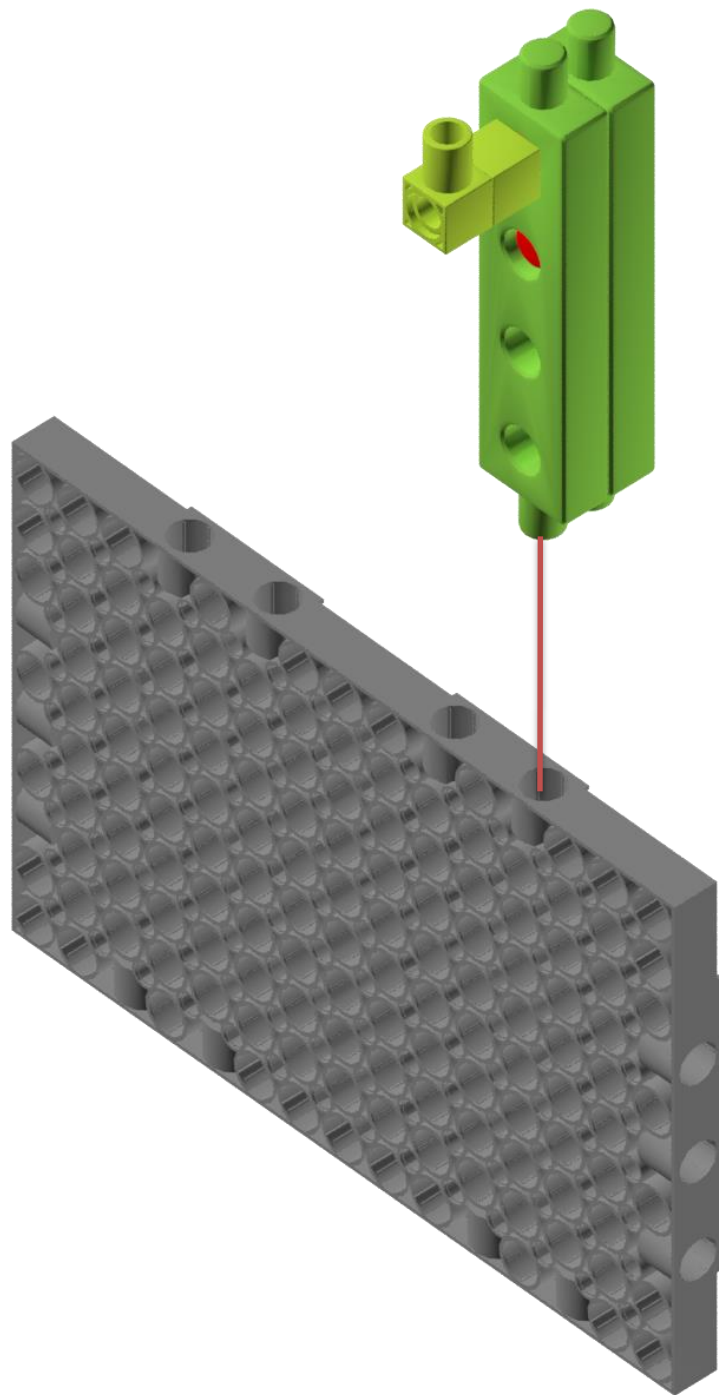
B飼料堆放區 完成圖

另外再將兩顆40mm藍色圓球
放在指定位置



依下圖零件組裝成
羊毛工人吊掛台
90度結合器*1
直線結合器*1
30mm圓棒*2
4孔長條*2

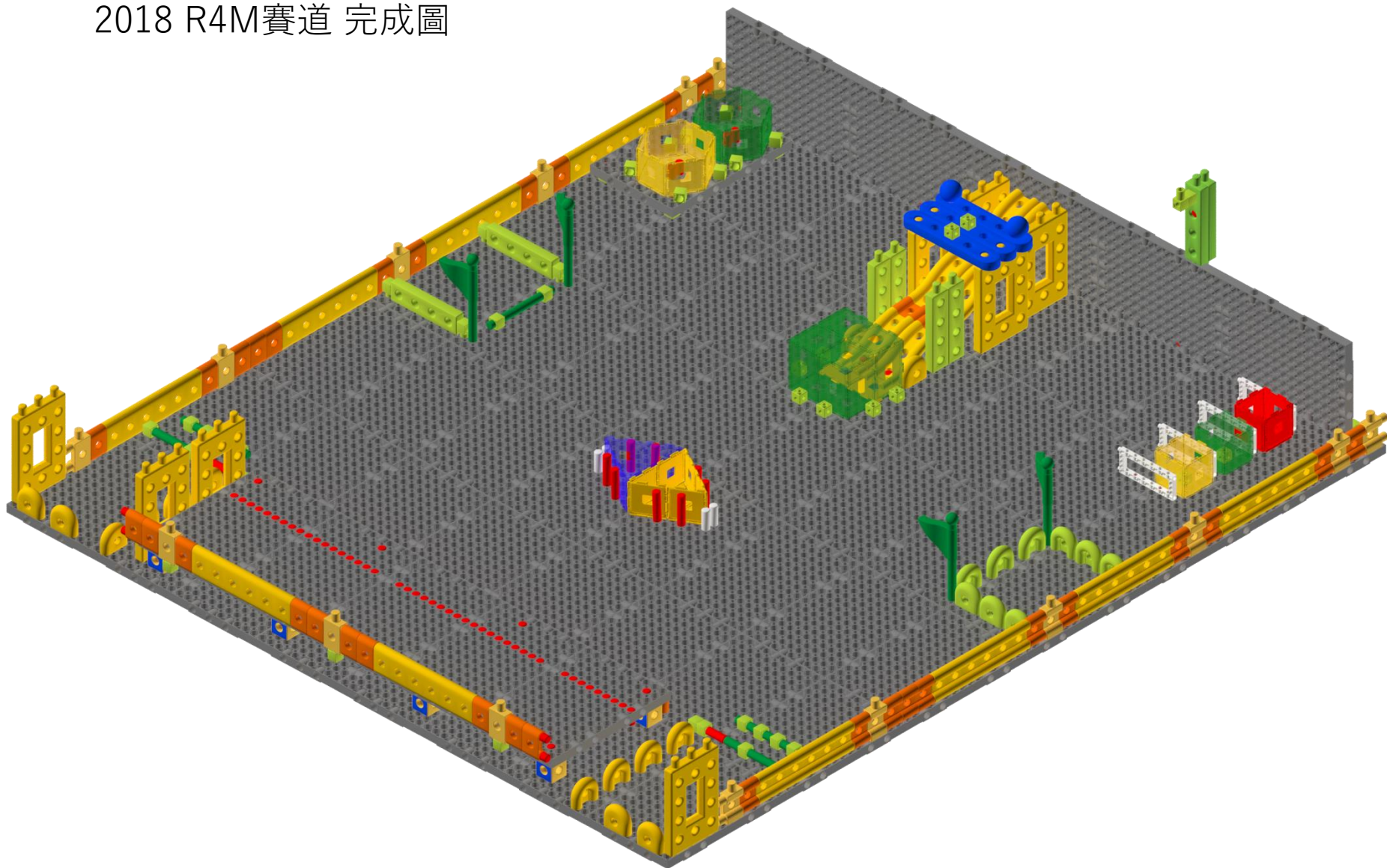




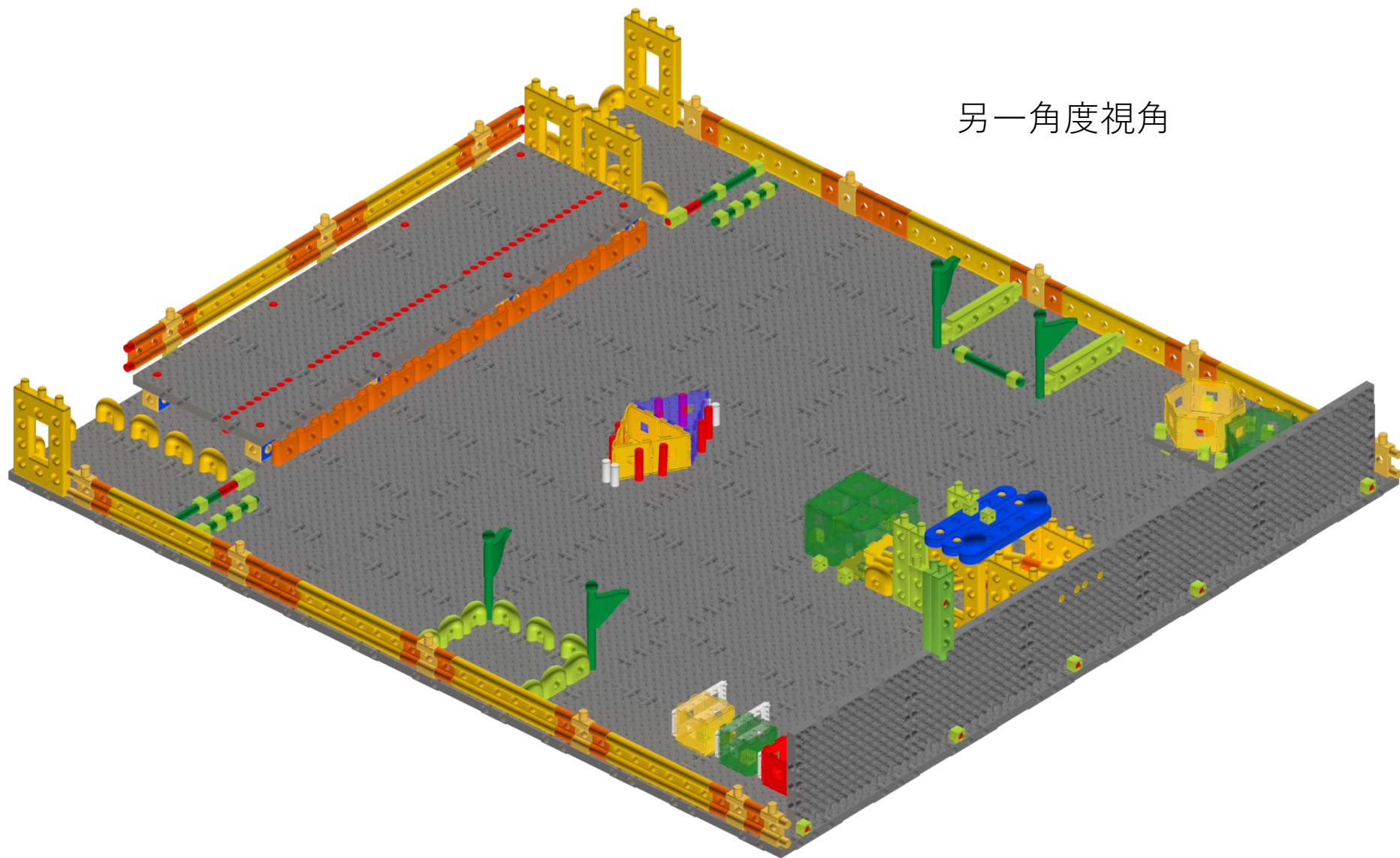
將羊毛工人吊掛台插入
背板D側面孔位中

背板D

2018 R4M賽道 完成圖



另一角度視角









動物組裝與放置位置請參照付圖



世界機關王
感謝您