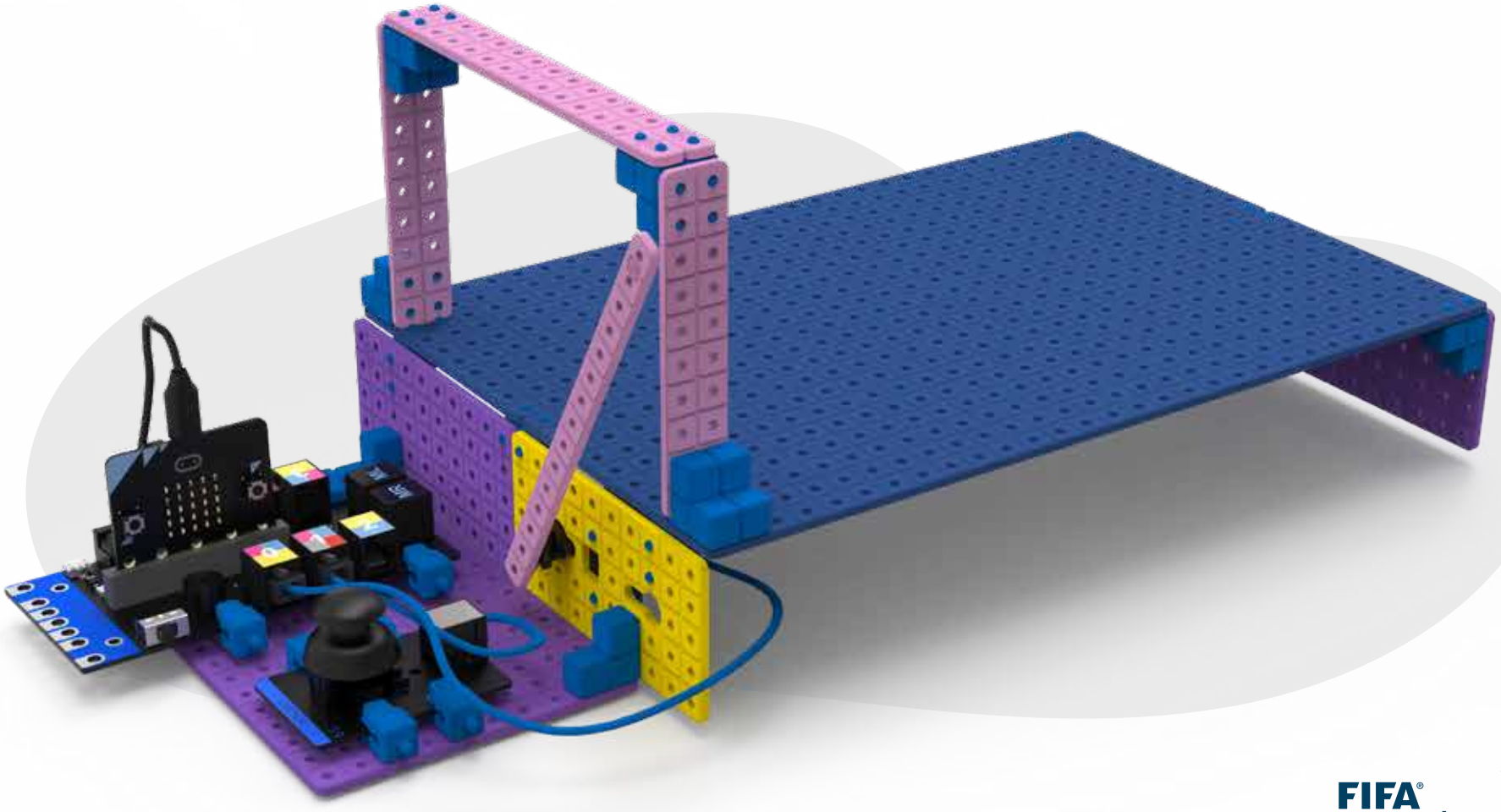
Assembly sequence:

PENALTY TIME



START NOW →

FIFA Foundation

→ PENALTY TIME

ASSEMBLY PIECES



(x1)
Controller Board



(x1)
MicroBit Board

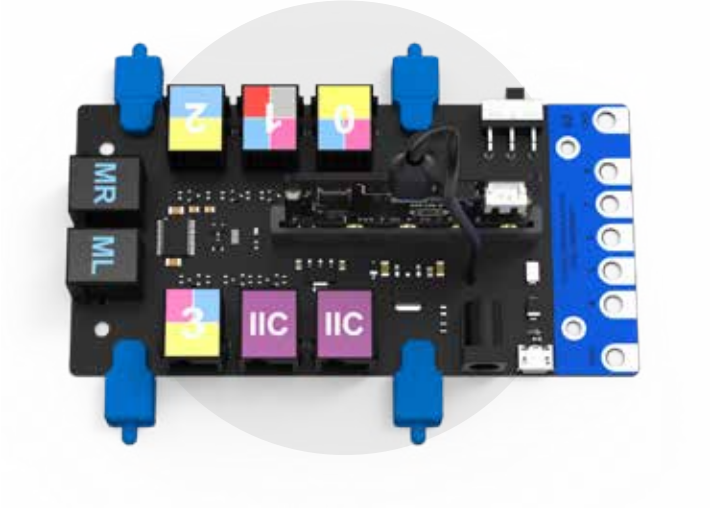


1. Insert the micro board into the controller board.

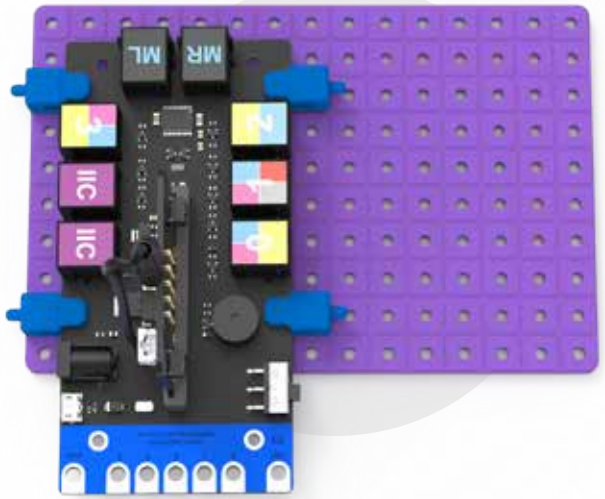


2. Connect the USB cable from the controller board to the micro board.

→ PENALTY TIME



3. Insert the boardbrackets into the controller. There should be 2 on each side to ensure a secure fit.



4. Attach the controller board to the P13 board.

ASSEMBLY PIECES



(x1) Controller Board



(x4) Insert Boards



(x1) Board No. 13

→ PENALTY TIME

ASSEMBLY PIECES


(x1) Contrller Board


(x1) Joystick Module

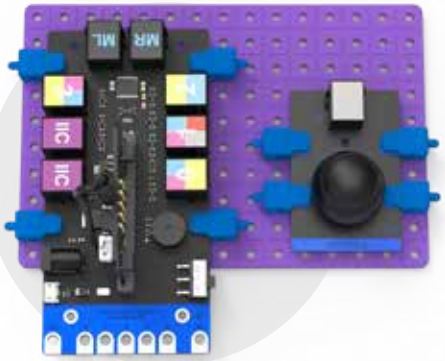

(x8) Insert Boards


(x1) Board No. 13


(x2) Insert at 90°L



5. Attach the Board Brackets to the joystick module, two on each side to ensure a secure fit.

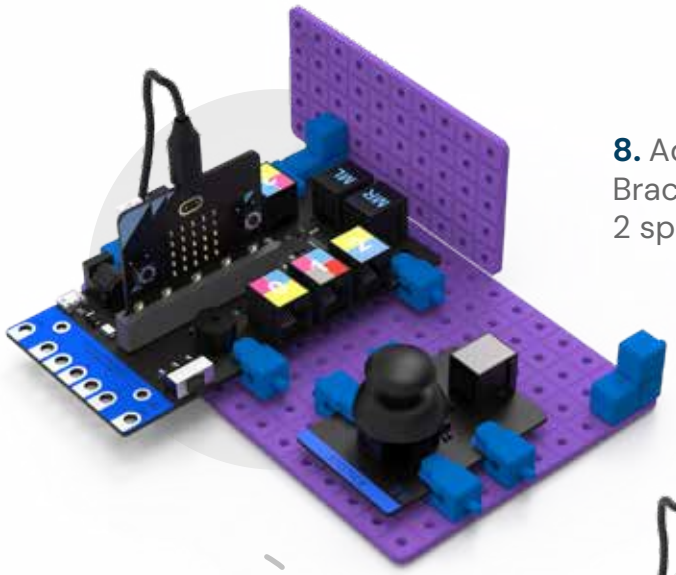


6. Attach the joystick module to P13 board.



7. Attach two L-shaped Brackets totwo of the bottomends of P13 board, oriented in the same direction.

→ PENALTY TIME



8. Add P11 board to the L-shaped Bracket on the left side, extending 2 spaces outward.



9. Add P15 board to the L-shaped Bracket on the right side, extending 3 spaces outward.

ASSEMBLY PIECES


(x1) Contrller Board


(x1) Joystick Module


(x1) Board No. 15


(x8) Insert Boards


(x1) Board No. 11


(x1) Board No. 13


(x2) Insert at 90°L

→ PENALTY TIME

ASSEMBLY PIECES


(x1) Contrller Board


(x1) Joystick Module


(x1) Board No. 15


(x8) Insert Boards

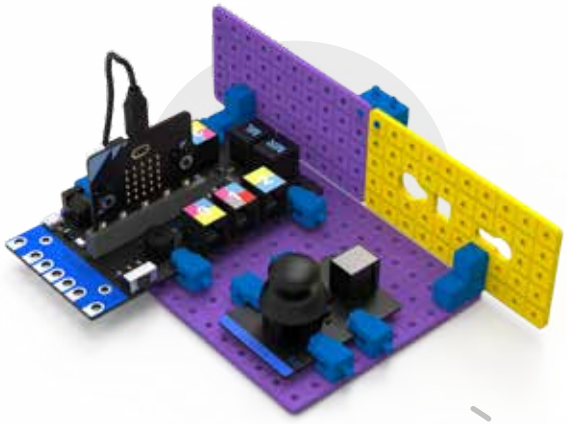

(x1) Board No. 11


(x1) Board No. 13

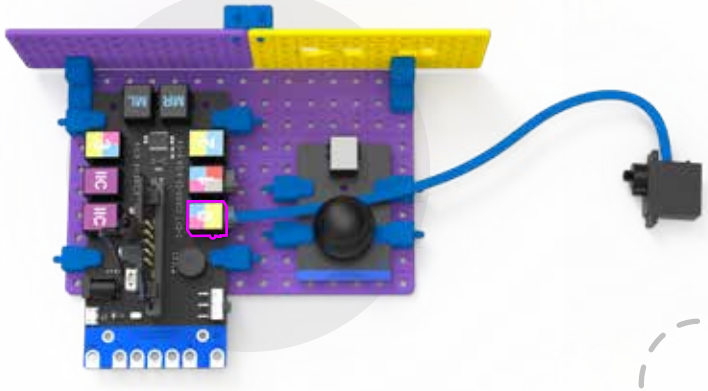

(x2) Insert at 90°L


(x1) Insert at 90°

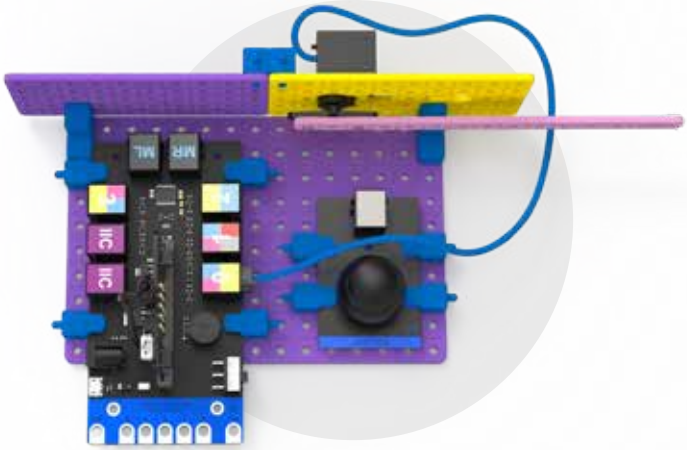

(x1) Servo Engine



10. Join P15 board and P11 board with a 90° Bracket, with the ends pointing upward.



11. Connect the servo motor to port 0 on the controller board via cable.



12. Attach the servo motor to P15 board so that it points towards the joystick module.

→ PENALTY TIME



13. Screw the servo horn onto board P08.

↳ **14.** Before attaching the previous piece, load the servo code to 0 degrees before it is placed.

ASSEMBLY PIECES


(x1) Contrller Board


(x1) Joystick Module


(x1) Board No. 15


(x1) Board No. 8


(x8) Insert Boards

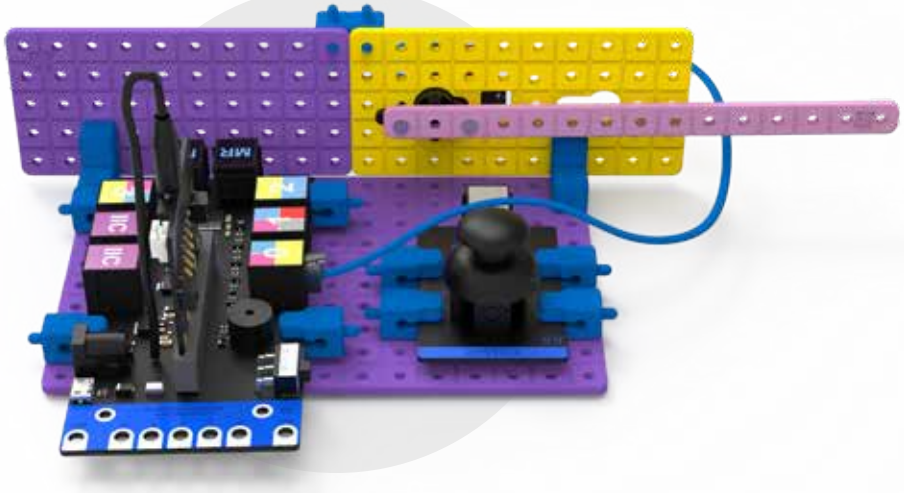

(x1) Board No. 11


(x1) Board No. 13


(x2) Insert at 90°L


(x1) Insert at 90°


(x1) Servo Engine



15. Attach board P08 to the servo motor and position it horizontally.

→ PENALTY TIME

ASSEMBLY PIECES


(x1) Contrller Board


(x1) Joystick Module


(x1) Board No. 15


(x1) Board No. 8


(x8) Insert Boards

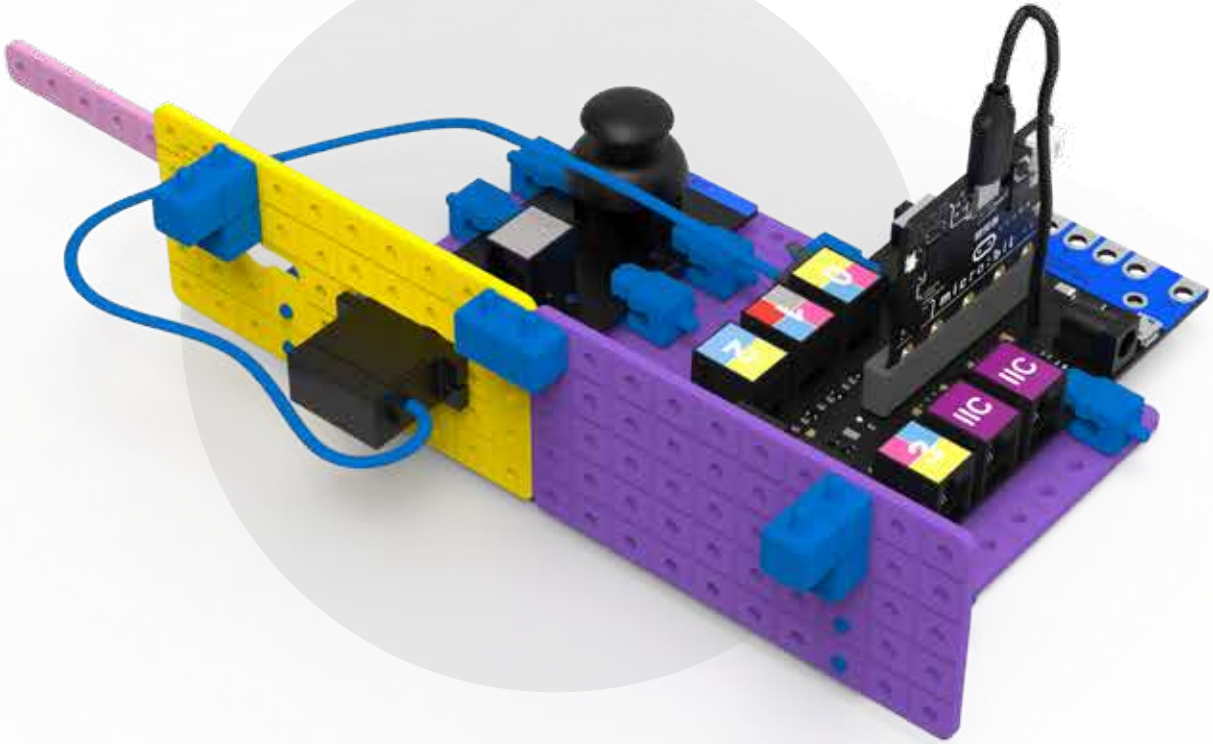

(x1) Board No. 11


(x1) Board No. 13


(x4) Insert at 90°L


(x1) Insert at 90°


(x1) Servo Engine



16. Attach two L-shaped Brackets to the ends of P11 board and P15 board, extending 2 spaces to the tip.

→ PENALTY TIME

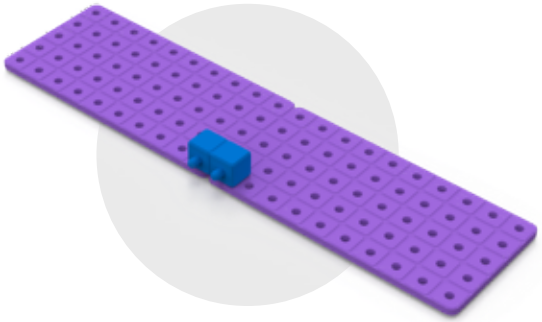
ASSEMBLY PIECES


(x2) Board No. 11

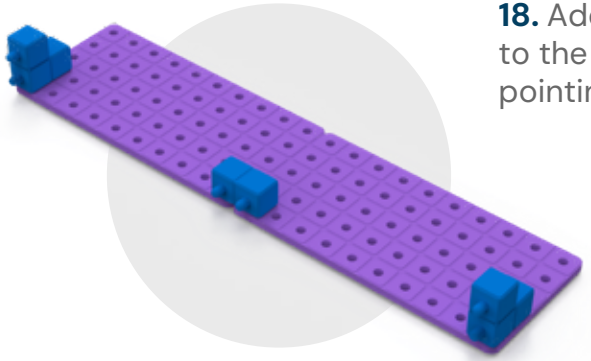

(x2) Board No. 14


(x1) Insert at 90°

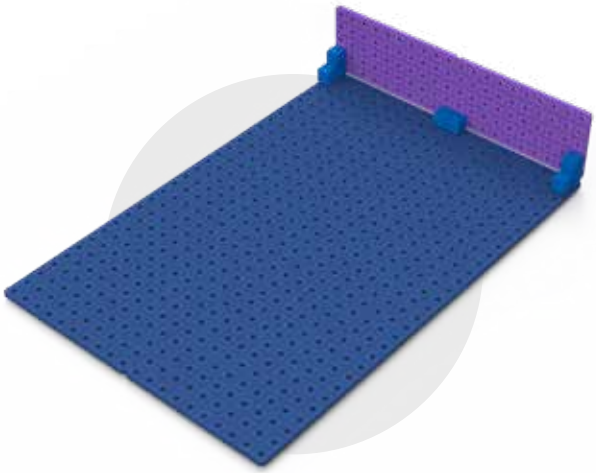

(x2) Insert at 90°L



17. Take two P11 boards and join them with a 90° Bracket, with the ends pointing upward.



18. Add two L-shaped Brackets to the ends of P11 boards, pointing outward.



19. Attach the previously assembled unit to two P14 boards.

→ PENALTY TIME

ASSEMBLY PIECES


(x1) Contrller Board


(x1) Joystick Module


(x1) Board No. 15


(x1) Board No. 8


(x8) Insert Boards


(x3) Board No. 11

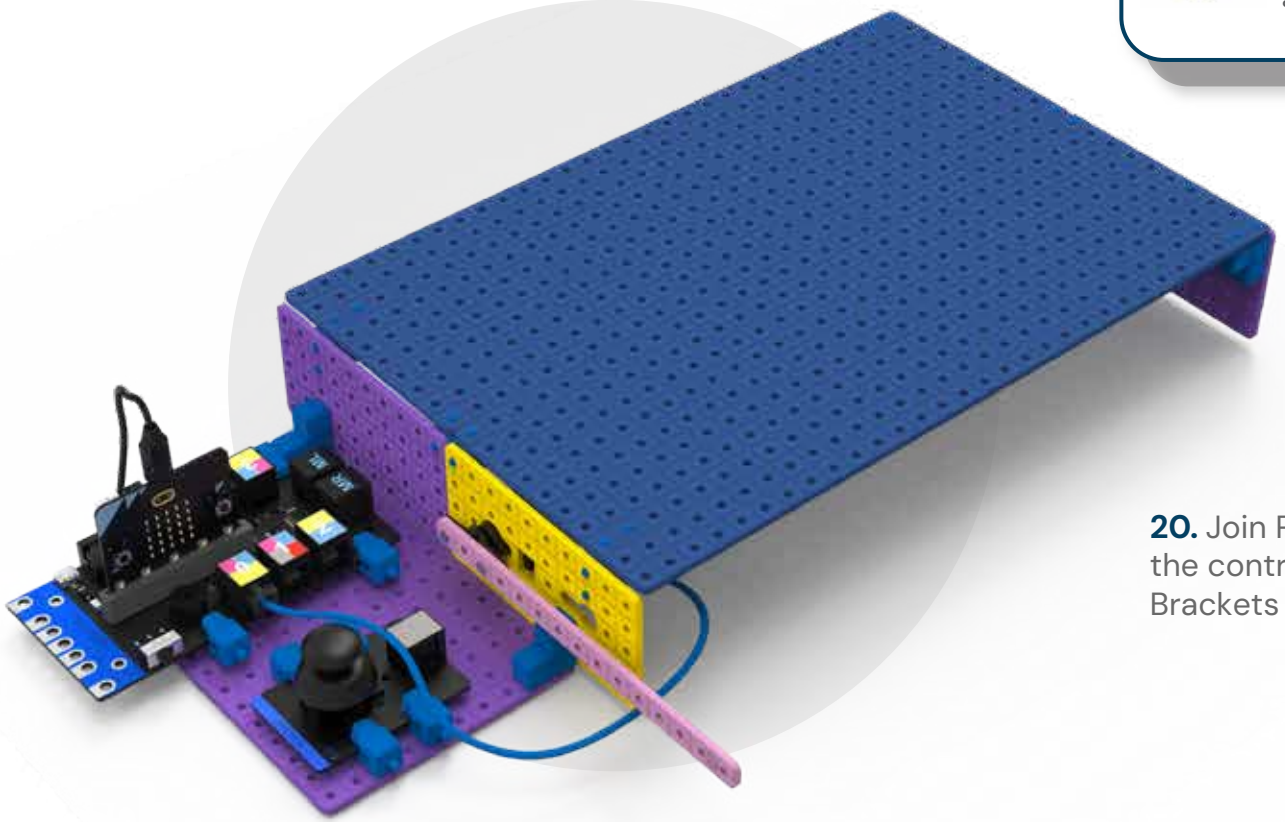

(x1) Board No. 13


(x2) Board No. 14


(x6) Insert at 90°L


(x2) Insert at 90°


(x1) Servo Engine



20. Join P14 boards to the assembly on the controller board where the L-shaped Brackets are located.

→ PENALTY TIME

ASSEMBLY PIECES



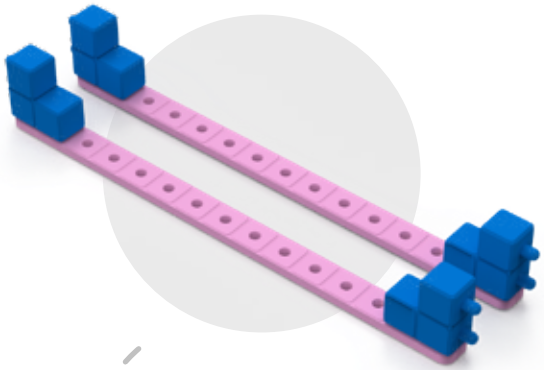
(x2)
Board
No. 8



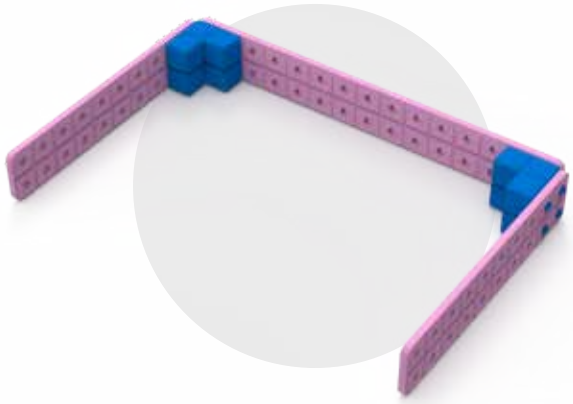
(x8)
Insert
at 90°L



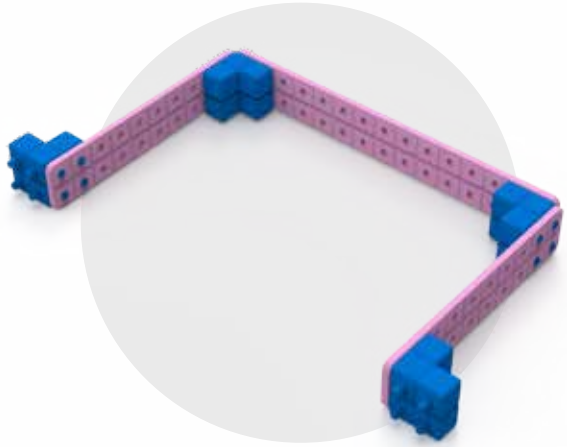
(x2)
Board
No. 9



21. Take two P08 boards and add an L-shaped Bracket to each end, pointing towards the center of the board.



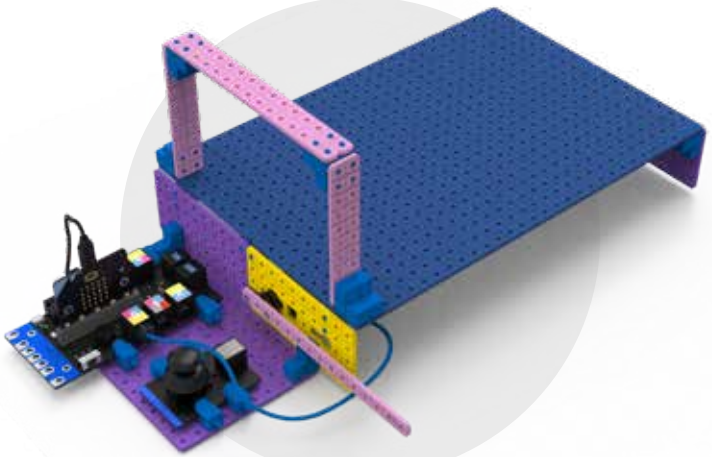
22. Join the L-shaped Brackets with a P09 board on each side.



23. Attach two L-shaped Brackets to the bottom ends of both P09 boards, pointing outward.

→ PENALTY TIME

24. Attach the assembly to the edge of P14 boards.



ASSEMBLY PIECES


(x1) Contrller Board


(x1) Joystick Module


(x1) Board No. 15


(x3) Board No. 8


(x8) Insert Boards


(x3) Board No. 11


(x1) Board No. 13

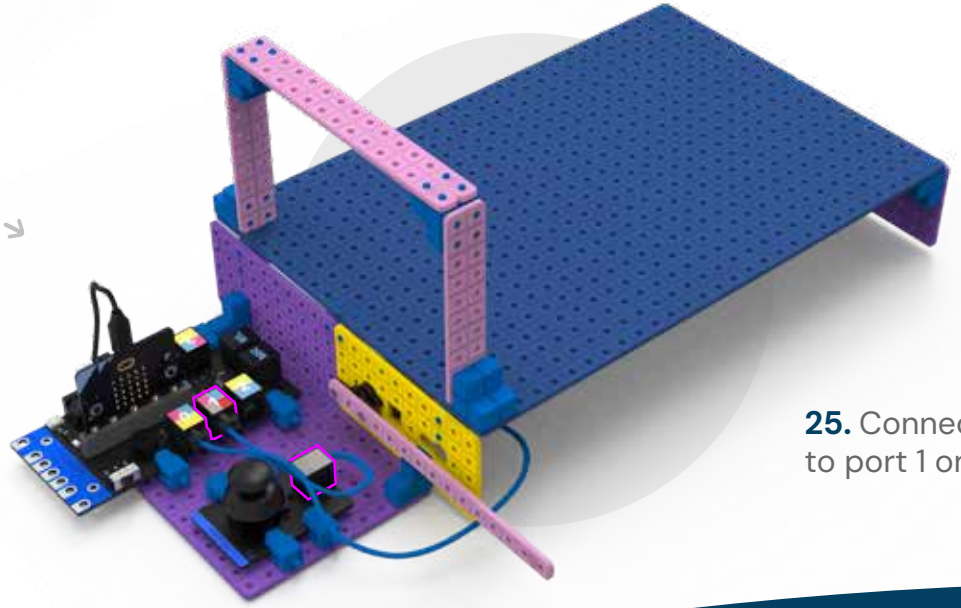

(x2) Board No. 14


(x14) Insert at 90°L

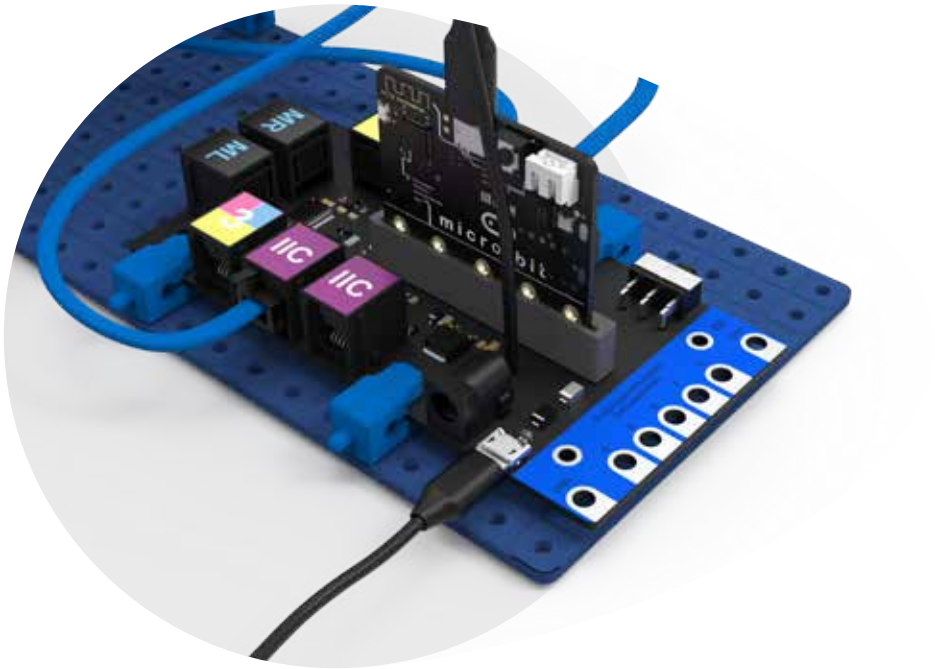

(x2) Insert at 90°


(x1) Servo Engine


(x2) Board No. 9



25. Connect the joystick module to port 1 on the controller board via cable.



26. Connect the USB-C cable to the controller board

¡AND IT'S READY TO BE PROGRAMMED!