

## 4/1 Chassis & Wing

Today, we began preparing to rebuild the Robot for the Asia Championship.

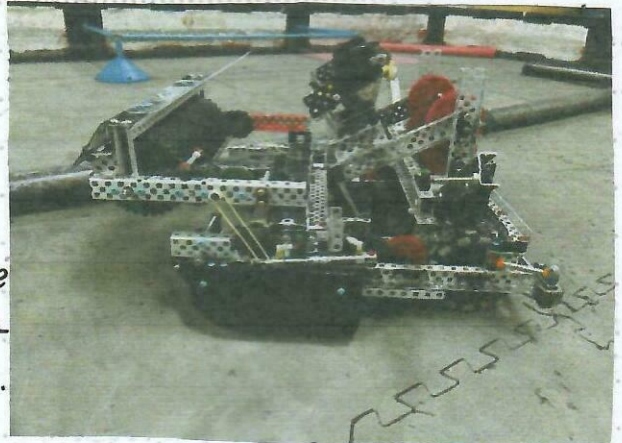
We completed the construction of the Robot Chassis and wing.

### ⊙ Chassis

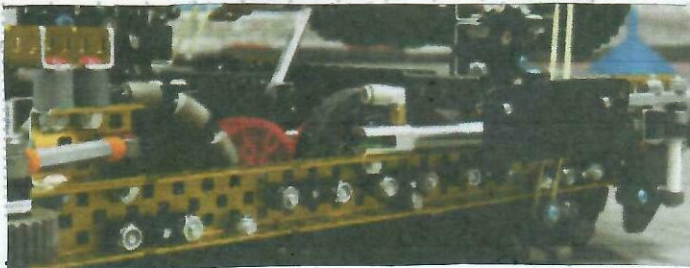
We found the intake mechanism of the previous Robot was too small, causing the Triball to drop. Therefore, we widened it by one grid to create more space, allowing for better intake.

### ⊙ Wings - AWP

In order to have dual wings to push Triball in the Skill challenges, we move the AWP wing forward to achieve the function of pushing.



Additionally, to smoothly hook the Triball in the corner, we increase the height of the AWP wing by 3 grids and added PC board to increase the contact area.



[ Higher success rate of Triball hooking ]

project V7. wing

designed by: Steven

witnessed by: Joker

date: 1.4