

A POSTERIORI

Play · Experience · Learn

Plans for Today

- Missions Brief
 - M05 Basketball
 - M08 Boccia
- Breakout rooms
 - Attempting the mission

M05 Basketball

- https://youtu.be/ntRcZgWvopA?t=131
- Actual Mission
 - Put cube in basket
 - Move basket to middle or top position
- Modified Mission (Gears)
 - Move box to the top and out of the pole

M08 Boccia

- https://youtu.be/ntRcZgWvopA?t=198
- Actual Mission
 - Push one cube off
 - Color must match the other team
- Modified Mission (Gears)
 - Push any one cube off
 - Many FLL competition follow this modified rule this year due to COVID

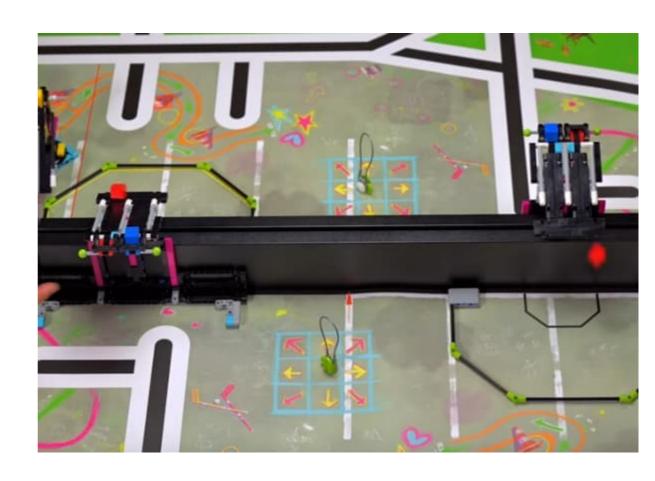
In-person FLL



- Two playing fields, head to head
- Two randomly assigned teams
- Start simultaneously
- Teams may need to cooperate or compete to score

Example (Cooperate)

- Both teams
 must discuss
 and agree on
 which color to
 push
- Both teams gets more points if the colors are the same



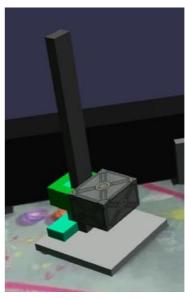
Example (Compete)

- Robot ending on the bridge gets points
- Only space for one robot
- If another robot is there, push it off!



Simulation in Gears

- Tutorials and FLL World
 - http://a9i.sg/gears-tutorial
- Missions (Breakout rooms)
 - M05 Basketball
 - Push the box to the top and off the pole
 - M08 Boccia
 - Push any one box off
- Demo
 - Linear Actuator
 - Mission



M05 Basketball

M08 Boccia



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