LCSRC Quick Tips

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LCSRC
COMMUNITY

How does the robot game work:

- Two and a half minute runs
- Only one robot is allowed at the table
- Teams can start their robot from either launch station
- Teams can switch attachments at either launch station
- Scored on the missions completed

> **Missions to target for new teams:**
> M08: Watch Television - 20 points
> M07: Wind Turbine - 30 points
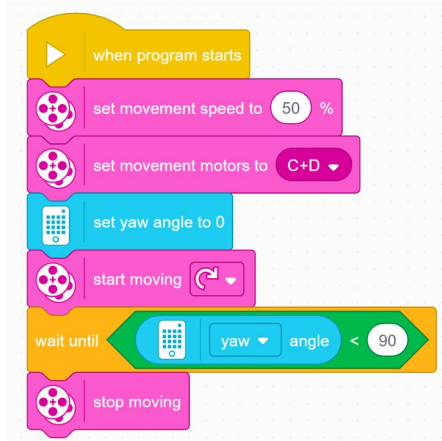> M01: Innovation Project Model - 10 Points

What to do on competition day:

- Have a clear plan of who is bringing what
  - Make sure to have a backup of the code
- Have the kids hold everything
- If you can, bring spare parts
- Things will go wrong, and that is ok!
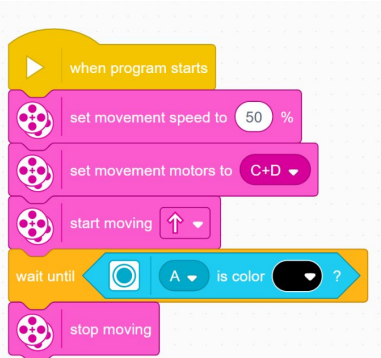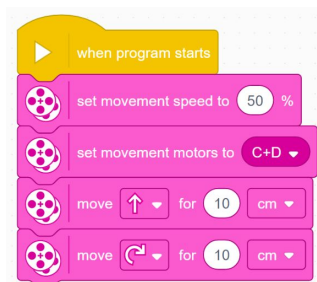- It's a stressful day, don't forget to have fun!

Example Code

Gyro Sensor Turn 90°

Color Sensor Stop

Drive Straight & Turn

Important Links:

Superpowered Challenge and Resources:
https://www.firstinspires.org/resource-library/fll/challenge/challenge-and-resources:

SPIKE Prime Software Download: https://education.lego.com/en-us/downloads/spike-app/software

Spike Prime Tutorials: https://education.lego.com/en-us/lessons/prime-competition-ready

FIRST In Missouri Homepage: https://stlfirst.org/

How to access your FIRST dashboard: https://www.firstinspires.org/

Starting an FLL Team: https://www.firstinspires.org/robotics/fll/start-a-team