

River Valley Educational Foundation Robotics

0085

Lessons Learned

Experience Gained

- Our Team learned teamwork.
- Our Team learned how to program in C.
- Our Team learned about how to calculate Standard Deviation.

Documentation Process

- We learned how to create goals and deadlines.
- We used the documentation to track the changes to the robots.
- We used the documentation to organize homework for our team to do at home.

Surprises

- The Hydra-bot's claw was not going to work, which was a complete surprise.
- We were shocked at how easy it was to code the Roomba.
- We were surprised at how hard it was to move the stupid firefighters.

Advice for Future Teams

- Start early.
- Keep it simple, stupid.
- Stay organized with your parts.
- Make sure that everyone can drive the robots.
- Don't score zero points.
- Have a template.
- Don't let poms under your wheels.
- Don't take the robots apart.
- Make real runs asap.