

ROBOTICS 4th and 5th Grade (FLL)

We part of the first FLL Team in Silver Springs

This year we starting FIRST LEGO LEAGUE (FLL) team in addition to the JR Teams. The FLL is based on LEGO Mindstorm EV3 and is a competitive league. The competition will be in November. The exact date will be posted by FIRST in October. IF you like LEGO and you have interest in robots, then FLL is something for you.

Because it's our first FLL team here in Silver Springs, we have to start totally new. We even have to build a practice table before we can even started. So, there will be a learning curve, but we hope we can make the FLL experience here in Silver Springs fun and rewarding.

What needs to be done:

For the competition there are 12 challenge to solve. For example our robot will be programmed to follow a path, navigate a bridge, pick up and move items, etc.. The "City Scape" build out of LEGOs, but your robot needs programming, so the Mindstorm controller knows where to go, when to stop, when to lift up something. The kids on the team will work out how to do this!

So, to get all these challenges solved, we will meet every Tuesday from 6-8pm in Silver Springs. Start date tentatively set is September-14. (Note: No meeting on November-06!!!!)

There might be additional meetings necessary before the competition. Please keep this in mind so we may have to meet twice a week to complete all our tasks.

Parents, this program will be run by volunteer parent coaches for our students. We need committed coaches!!!! We are planing a team size of 8 kids per team. Please consider to volunteer to be a coach and teach our students essential STEM and problem solving skills.

Winter is coming and parent volunteers or their kids can be sick. If you can't be a volunteer every week, maybe you can jump in as a substitute for a volunteer/coach?

The registration fee includes the cost one competition. Each competition costs \$75. If our team makes it to the second round, we will have to cover the cost for the second competition together.

One more comment: This is program is run by volunteers for our Silver Springs students. Nobody is getting paid. We are volunteering our time, because we are think this is a good opportunity for all Silver Springs Students. Please make sure, before you drop off you child, talk with your coaches, if they need anything and before you pick up your student help your team clean up. To get this program running there are little things that will need to be done collectively.

Any questions? silversprings.robotics@gmail.com

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*****Please return to the school office latest by September-4th 9am*****
We will fill the available spots based on first come, first served basis
Please write clearly.

Student's name	
Grade	
Classroom teacher	
shirt size (Youth XS, S, M, L)	
parent's email	
cost per student	\$80
Would you like to be a coach? You will receive a \$5 discount for one child	-\$5 for coaches
If yes: adult shirt size (S,M,L,XL)	
Total cost	_____

Please make the check payable to "Silver Springs Elementary School"