

**ROBOTICS K-3rd Grade (FLLJr)**  
**THE NEW BOOMTOWN Build Challenge is here!!!!**

**This is the 2nd year of our Silver Springs Robotic team. Do you like LEGOs and do you love Robots?**

**We will create small LEGO Robots and we will connect them to a controller (LEGO WeDo 2.0). So bring your LEGO Build to life and control it with a laptop or tablet.**

**We will meet every Tuesday from 6-7pm in Silver Springs. Start on September-24. (No meeting on November-06!!!!)**

**Our final build will be displayed and judged in December during the FIRST ROBOTIC EXPO. The exact dates for the EXPO will be posted by FIRST in October. We are planing the join a EXPO in the area around Dec-07.**

**Each child will receive an Engineering notebook and each team will have all LEGOs and the WeDo they need. But the kids need every week a pencil and some markers/colored pencils to write and to draw in their notebooks. Some blank paper or a ruled notebook might be helpful, too. Please send your child prepared to the Robotic meetings and check with your coaches what else they might need.**

**Parents, this program will be run by volunteer parent coaches for our students. There will be some challenges and problems to solve but the goal is to make this a fun and exciting experience for your student. FIRST requires for the FIRST LEGO Robotic jr. team 2 parent volunteers. FIRST calls these parents coaches. We need 2 coaches per team of 4-5 kids. Don't worry the WEDO 2.0 what will be used to "program" the LEGO robot will be controlled by an app. It's really simple. There aren't any formal programing skills required. Just the fun to let kids play with LEGOs and to solve the challenge. Please consider to volunteer and coach a team.**

**If you can answer these question with yes, you are ready to coach.**

- Can you help a K-3rd Grader with a LEGO build?**
- Can you install an app on your tablet/chromebook or laptop?**
- Do you have time Tuesdays from 6-7pm?**
- Do like to have fun with your student and his/her friends?**

**All coaches will receive a meeting guide with instructions to be done for each week.**

**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.**

**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 thinking 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 some other small things to do around the meeting. For example get some tri-fold boards, take pictures, collect forms,.... We will send out a signup genius for parents to provide small required items.**

**Any questions? [silversprings.robotics@gmail.com](mailto:silversprings.robotics@gmail.com)**

**(see back)**

\*\*\*\*\*Please return to the school office latest by September-11 4pm\*\*\*\*\*

We will fill the available spots based on:

Kids of coaches, after that on first come, first served basis

Please write clearly

Students name	
Grade	
Classroom teacher	
shirt size (Youth, XS,S,M,L)	
parent's email	
Retuning robotic student? Your cost would be \$65 because your child can reuse the WeDo  New student your cost would be \$80	\$ _____
Would you like to be a coach? You will receive a \$5 discount for one child	-\$ _____
If yes: adult shirt size (S,M,L,XL)	
Do you have a somebody you would like to coach with?	
Are you be able to help as a substitute coach?	
Total cost	_____

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