

# 2019/2020 St. Elizabeth Crusaders' First LEGO League Team

Now Forming!

5<sup>th</sup> – 8<sup>th</sup> grade

**Mr. Grasso is organizing a St. Elizabeth Crusaders' First Lego League Team to compete in the 2019 First LEGO Robotics Challenge – “City Shaper”!**

## **About the FIRST LEGO League Challenge:**

Every year FIRST, a non-profit robotics organization, hosts the *FIRST* LEGO Tournament. This year's theme is “City Shaper” and revolves around building the cities of the future.

Teams of ~10 students, led by two or more coaches, research the “Challenge”, a real-world problem such as food safety, recycling, energy, etc., and need to develop a solution. The team also must design, build, and program a robot using LEGO MINDSTORMS® as part of the challenge.

At the Tournament, teams present their solution to a panel of judges and compete in the robot table-top playing field. Teams can win a variety of awards and the potential to advance to additional tournaments.

Links with more details are provided below:

<https://info.firstinspires.org/first-rise-2020>

<https://www.firstinspires.org/robotics/fll/what-is-first-lego-league>

<https://www.youtube.com/watch?v=9qeBFyYp0>

[https://www.youtube.com/watch?v=reSKSbTo\\_k](https://www.youtube.com/watch?v=reSKSbTo_k)

## **About the St. Elizabeth Crusaders' Team:**

Season: Our build season will run from the beginning of school through November. We may also hold a handful of optional meetings over the summer to prepare for the build season (subject to availability). We will enter a tournament in November or December. The challenge details are released on 8/1.

Time Commitment: We will have one meeting per week for ~2-3 hours. We may increase the frequency of our meetings to a couple of times per week for the 2-3 week period prior to the Tournament. Meetings will most likely be on a weeknight from ~5:30 – 8:00. We will finalize that once we have a better sense of fall schedules. No Robotics experience is required.

Cost: There will be a per student cost of \$100 to cover registration fees, equipment, and other miscellaneous costs.

### Important Dates:

Sign up ends: 6/9

Introduction Meeting: 6/11

FLL releases challenge: 8/1

Optional Orientation Meetings: End of Aug

Build Season with weekly team meetings: September – November

Tournament(s): November or December

**Please contact Chris Grasso at [csgrasso@gmail.com](mailto:csgrasso@gmail.com) if your child is interested in joining the team or you have any questions.**