

St. Charles Lego League SIGN-UP Meeting

We will be holding a sign-up meeting for kids and parents for St. Charles' new Lego League team.

When: April 20, 2017 at 6:30

Where: St. Charles (room?)

Who: Students who will be in **grades 4-8** next year (and their parents)

If your child is interested in being part of this fun team, please come to learn more about the team and to sign-up.

FIRST Lego League is an engineering competition that is held in the fall of each year. The League is an opportunity for kids to learn how to work as a team to solve engineering problems.

Season:

September 5, 2017 - December 15, 2017

Meetings:

The team will meet in a classroom at St. Charles at least once per week from September to December for two hours per meeting. We will try to schedule the meetings to accommodate fall sports as much as possible. Kids can decide if they want to meet more often than that but no more than twice per week for a total of 4 hours.

Tournament:

In late November or December (date to be determined), the kids will take part in a Robot Tournament.

There are 4 components to the League:

1. Robot Challenge

The kids will build, test, and program an autonomous robot using LEGO® MINDSTORMS® technology to solve a set of missions in a Robot Game. The Robot Game involves moving the robot to a set of stations on a 4x8 playing surface, and performing a task at each station. The robot is fully autonomous, so that once it starts, the kids can't interfere with it.

2. Project

They will choose and solve a real-world problem involving how we obtain, use or interact with water.

3. Presentation

They will create a presentation (without powerpoint) that conveys the problem and solution and give the presentation to an affected member of our community.

4. Core Values

They will learn and use the Core Values of the program:

- We are a team.
- We do the work to find solutions with guidance from our coaches and mentors.
- We know our coaches and mentors don't have all the answers; we learn together.
- We honor the spirit of friendly competition.
- What we discover is more important than what we win.
- We share our experiences with others.
- We display Gracious Professionalism[®] and Cooperation[®] in everything we do.
- We have FUN!

Costs:

There is a fee of \$50.00/student and each student will also need to help with fund raising to cover the full costs of the team.

Websites:

For more information about the league, check out the following links.

<http://hightechkids.org/programs/mn-first-lego-league-grades-4-9>

<https://www.firstinspires.org/robotics/fl>

For still more information, or if you can't make the meeting but are interested in joining the team, please contact the team's coach:

Coach: Ted Magee

tmagee@wck.com

[612-860-2144](tel:612-860-2144) (cell)