



Innovative Summer Camp!

Wheaton Christian Grammar School FLL Robotics Camp 2019

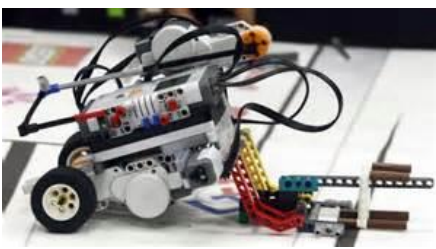
Get ready to grow your child's creative problem-solving skills so they can become the critical thinkers and creators of the future! Through real-life themes and engaging physical and digital creation, students will develop 21st century learning skills. Students will be provided the exciting opportunity to design, program, and operate robots consistent with the **FIRST LEGO League** construct (see back for additional information on FLL). This **introductory course** will allow students to build a robot and learn to program motors and sensors for different scientific challenges.

Advanced Training available for those who have participated in FLL previously! Students will learn advanced skills such as gyro sensor, loops, switches, loop-switches, line following, data logging, wiring data hubs, and myblocks.

The Camp Directors are Jr. High Science Teacher, STEM Coordinator, and First LEGO League (FLL) coach, Mrs. Jacqueline Lauriat and Jr. High Math Teacher and First LEGO League coach, Jen Rodriguez. Mrs. Jacqueline Lauriat is a certified EV3 instructor by Carnegie Mellon University.

Camp counselors will consist of mentors and WCGS First Lego League members. WCGS FLL team has gone to State the past two years! There will be 1 Mentor assigned to each group of 4 students.

Registration Deadline is May 21st.



For More Information Contact Camp Director:
Jacqueline Lauriat and Jen Rodriguez

Phone: (630) 668-1385 ext. 254

Email: jlauriat@wheatonchristian.org; jrodriguez@wheatonchristian.org

June 10-14, 2019

8:30 a.m. – 12:00 p.m.

**For Students Entering
4th-8th Grade in 2019**

Who Can Attend?

All students entering 4th-8th graders for the 2019-2020 school year. Max capacity is 28 students.

Location

The camp will be located in the Science Lab at Wheaton Christian Grammar School, 1N350 Taylor Drive, Winfield.

Camp Dates and Time

June 10-14, 8:30am-12:00pm

Students will have the opportunity to present their robot designs and their new insights into technology before their parents and family members in an open house on June 14 at 11:00 a.m.

Cost

Early bird fee is \$200 by May 3. After May 3, the camp cost is **\$215** which includes the instruction, t-shirt, and healthy daily snacks.

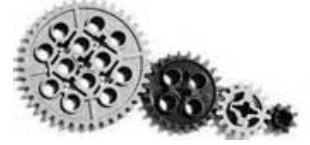
Camp Objectives

- Provide exciting technical and team challenges that will develop interest in the STEM field.
- Teach critical thinking and problem-solving skills inherent in engineering design, development, and testing.
- Provide opportunity to design, program, and operate a EV3 MINDSTORM Robot consistent with the FIRST Lego League construct.



WCGS FLL Robotics Camp 2019

WHAT IS FIRST LEGO LEAGUE?



Tomorrow's innovators practice imaginative thinking and teamwork. Guided by adult coaches, *FIRST* LEGO League teams research a real-world problem such as food safety, recycling, energy, etc., and are challenged to develop a solution. They also must design, build, and program a robot using LEGO MINDSTORMS® technology, then compete on a table-top playing field.

It all adds up to tons of fun while they learn to apply science, technology, engineering, and math concepts (STEM), plus a big dose of imagination, to solve a problem. Along their discovery journey, they develop critical thinking and team-building skills, basic STEM applications, and even presentation skills, as they must relate their solutions with a dash of creativity to judges.

(Please return to the front office with payment.)

Student's Name _____ Grade in the Fall _____

Parent's Names _____

Address _____

Phone _____ E-Mail _____

My son/daughter has permission to attend the WCGS FLL Robotics Camp. I will assume responsibility for any unavoidable accident to him/her. I understand that my child's photo and/or work may be taken and appear in any media. I understand that WCGS will not identify students by name without the express permission of the child's parents. I further understand that if I do not wish my child's photo/work to appear in any media, I must personally notify the Camp Director.

Parent's Signature _____ Date _____

Emergency Contact _____ Phone _____

Food Allergies _____ A healthy snack will be provided daily.

T-Shirt Size (Circle One)

Adult Sizes: XS S M L XL

Robotics Level (Circle One) *Previous experience with programming EV3 Mindstorm robots is required for **Advanced Level**.*

Introductory Advanced

Payment: _____ Early bird Fee \$200 Cash attached – Paid in Full by May 3

_____ Earth bird Fee \$200 Check attached (payable to WCGS) -Paid in Full by May 3

_____ Regular Fee \$215 – Registration Deadline is May 21