

LEGO Explorers & First LEGO League (FLL)

Students will be working through critical thinking objectives and challenges by presenting research, teamwork in skit presentations, and completing robot missions using the LEGO Prime and LEGO Spike Essential. Students will design from scratch, learn how to create their robots, practice coding, and ultimately make the robot complete tasks and challenges. The difference between the First LEGO League club and the LEGO Explorers club is that FLL is a competition team and will complete locally (November) and regionally (January). If we do well, there will be more competitions.

The First LEGO League is a competition team in which we will field two teams from. Students will be involved in challenges that will test their ability in all levels of competition. Therefore, these students will be involved in a selection process where there will be a tryout. Once selected to the club, the tuition will be due. The selected students will continue in the club from the months of January through May. The tuition fee covers a year-round participation so the students can continue to work together.

The LEGO Explorers will practice the basics of LEGO competition and coding robots. This club is designed to build knowledge in LEGO competitions, challenges, teamwork, and student collaboration. Along with preparing for possible future FLL competitions, students will learn coding, problem solving, the value of teamwork, developing coding skills, and how to perform under pressure with mini challenges. By being selected for this club level, you are practicing for the FLL team next school year - giving you an advantage. Space is limited and there will be a tryout. Once your student has been selected to participate, tuition will be due. The selected students will then be given the first opportunity to sign-up for the Intermediate LEGO Explorer club that will run from January through the beginning of May.

When you register your student, they will be added to a Waitlist to participate in the tryout. Once selected for the club, you will receive an email to complete your registration by submitting the tuition payment.

Please contact Dr. Cassondra Zielinski, STEM Instructional Specialist, through CTLS email with any questions.

LEGO Explorers (grades 3-4) meets Wed. 2:45 - 3:30 pm [max 20 students selected]

Tuition: \$350

Class: 14 weeks (August 16 - December 6) - tryout on August 16

Meets in STEM Lab

First LEGO League (grades 4-5) meets Wed. 3:35 - 4:35 pm [max 20 students selected]

Tuition: \$575 [year-round tuition]

Fall Class: 14 weeks (August 16 - December 6) - tryout on August 16

Spring Class: 15 weeks (January 10 - May 1)

Meets in STEM Lab