

Robotics Club Parent Meeting

The St. Pius X / St. Leo School Robotics Club will be participating in Lego League Jr. and Vex IQ robotics events this year. Students in grades K-8 are invited to participate.

Students will be put into teams based on grade level and will work together to design robots that can solve problems and play games.

Recommended team sizes are 3-5 children, with students in grades K-3 using Lego We Do kits, and students in grades 4-8 using Vex IQ.

Robotics Club will meet on most Thursdays from 6:30-7:30 p.m. Meetings are held in the SPSL Cafeteria.

**** A completed Registration Form and the registration fee must be turned in BEFORE a child will be placed on a team.**

Checks should be made to St. Pius X/St. Leo School. Please note Robotics Club in the memo line.

Registration forms can be found on the SPSL Website on the Robotics Club page. <https://spsl.net/robotics-club/>

Completed Registration forms and payment can be sent to the school office via your student.

Registration Due Date: Thursday, September 19, 2019.

Season Dates:

September 26, 2019 thru February 20, 2020

VEX IQ teams choosing to participate in post league tournaments may extend to March or April.

- 9/26 - First VEX IQ Meeting - Team Introductions
- 10/3 - First Lego Meeting - Team Introductions
- 10/10
- 10/17
- 10/24
- **10/31 - No School (Faculty Development Day) / Halloween**
- 11/7
- 11/14 - 5/6 Grades Musical
- 11/16 - Saturday - MOQ Mustangs VEX IQ Tournament
- 11/21 - Science Fair
- 11/23 - Saturday - Marrs Falcon Elementary VEX IQ Tournament
- **11/28 - No Meeting - No School (Thanksgiving)**
- 12/5
- 12/7 - Saturday - JR Jacket Robotics VEX IQ Tournament
- 12/12 - 2/4 Grades Musical
- 12/19
- **12/26 - No Meeting - No School (Christmas Break)**
- **1/2 - No Meeting - No School (Christmas Break)**
- 1/9
- 1/16
- 1/23
- 1/30
- 2/6
- 2/8 - Saturday - Falcon Ka-Kaw Elementary VEX IQ Tournament
- **2/13 - No Meeting - Parent/Teacher Conferences**
- 2/20 - End of Season Presentations. Parent's Welcome

- **2/27 - No Meeting - Book Fair/ Pancake Man**

Fees:

\$75 per student

Includes:

*Use of Lego and VEX IQ base kits

*Use of yearly Lego Game Pieces and VEX IQ Challenge Equipment

(All robotic pieces are the property of SPSL and must be returned at the end of the season.)

*Team Engineering Notebooks

*Club Fees

*One VEX IQ Tournament Entry Fee

Teams can enter additional VEX IQ Tournaments. The cost will be split among the team members.

If teams qualify for post-season competitions; entry fees, transportation and lodging are the responsibility of the attendee.

Parent responsibilities:

1) Coaching. We cannot run the Robotics Club without volunteer coaches. We would like to have 2 coaches per team so that if one coach is busy on any given Thursday the second coach can lead the team.

2) Help during Thursday meetings. We need to make sure that the cafeteria is left the way we found it.

Students may not leave meetings until all Robotics equipment is cleaned up, chairs are placed back on the tables, and any trash has been picked up. It is NOT the coach's responsibility to clean up after your students.

Please take a moment to come into the cafeteria at the end of each meeting to help us get things cleaned up. If you come in a few minutes early you will also get to see what the kids are working on!

3) Parents are responsible for getting their children to and from meetings and tournaments. Please be sure to pick up your students precisely at 7:30pm on Thursdays.

4) Please communicate with your coach of any schedule conflicts you may have and if your child is going to miss a meeting. Coaches will also communicate with their teams individually if they will not be meeting during a regular Thursday time.

Coaching:

Each team needs 1 to 2 coaches. Coaches can alternate weeks.

Coaches attend Thursday evening meeting to oversee students.

No technical experience is needed.

Coaches should NOT be building or documenting for students. All work is completed by the students.

Lego - Coaches lead students using the Lego provided Coaches Guide, which includes detailed instructions for each session.

VEX IQ - Coaches direct students to GROW - Goal. Reality. Options. Will.

All coaches must have Safe Environment Training. <https://archomaha.org/safe-environment/>

VEX IQ Tournaments:

2019-20 VEX IQ Challenge: Squared Away

Tournament information can be found at RobotEvents.com. Additional tournaments and League Play may be added.

MOQ Mustang - Middle School VEX IQ - 2019

Status: Early-Bird is Open, Standard on 10/05/2019

Registration Deadline: 11/10/2019

Spots Open: 50%+

Date: 11/16/2019

Event Code: RE-VIQC-19-8857

Type: Tournament

Location: 3405 South 119th Street, Omaha, Nebraska, 68144, United States

Cost: \$35 per team

Marrs Falcon Elementary VEXIQ Tournament

Status: Early-Bird is Open, Standard on 10/12/2019

Registration Deadline: 11/15/2019

Spots Open: 50%+

Date: 11/23/2019

Event Code: RE-VIQC-19-9451

Type: Tournament

Location: 5619 South 19th Street, Omaha, Nebraska, 68107, United States

Cost: \$35 per team

Falcon "Ka-Kaw" Elementary IQ Squared Away Tournament

Status: Early-Bird is Open, Standard on 12/28/2019

Registration Deadline: 2/1/2020

Elementary only

Spots Open: 50%+

Date: 02/08/2020

Event Code: RE-VIQC-19-9896

Type: Tournament

Location: 401 South Pine Street, Valley, Nebraska, 68064, United States

Cost: \$35 per team

JR JACKET ROBOTICS - MIDDLE SCHOOL VEX IQ Tournament

Status: Open

Registration Deadline: 12/1/2019

Spots Open: 50%+

Date: 12/07/2019

Event Code: RE-VIQC-19-9121

Type: Tournament

Location: 2501 West Broadway, Council Bluffs, Iowa, 51501, United States

Cost: \$35 per team

Club Expectations:

Students must be in the cafeteria by 6:30 PM to participate in Robotics Club. Please do not enter the cafeteria before this to begin meetings as this space is used by our Extended Care program.

Students will remain engaged in work with their group. When using devices, the sites/apps accessed should be limited to what has been designated by the group's coach.

Students should not leave their group or the cafeteria without adult permission to do so to use the restroom, get a drink, or when they go home for the evening.

Student behaviors will follow the expectations set during the school day following the R.O.A.R. model (Ready to Learn, Offer Respect, Achieve a Safe Environment, Respect Others and Ourselves).

Students must help to clean up their space and check out with their group leader/coach before leaving for the day. Please be sure to sign your child out when you pick them up. The sign out sheet will be left near the desk just inside the cafeteria doors.

Clean up: Students will help to put away their kits/robots after each meeting. The cafeteria space should be swept if needed, tables should be put back in place if they were moved during the meeting, and the folding chairs should be stacked on top of the tables, no more than 2 chairs high. Thank you for ensuring that the space is cared for and ready for school the next day.

Robotics Club ends at 7:30. Students must be picked up from the east parking lot near the cafeteria doors no later than 7:35.

Attire:

Students can wear appropriate street attire to practices and tournaments.

Questions or Issues:

Once meetings have started we ask that you communicate directly with your team coach regarding scheduling issues, missed meetings, tournament schedules, etc. If you have additional questions or concerns, please let us know at spslrobotics@spsl.net.

Thank you for your cooperation! We are looking forward to a great year!

Kara and Ryan Patch