

ROBOTICS CLUB

INFO NIGHT

PRESENTATION

FIRST LEGO LEAGUE (FLL)

- Annual worldwide competition
- Builds skills in robotics, engineering, presentations and coding
- Fosters problem-solving and innovation
- Encourages high-quality work, emphasizes the value of others and respects individuals and the community

COMPETITION – DEC

■ INNOVATION PROJECT

- Teams identify a problem and propose an innovative solution.
- Research their solution, speak to experts, and
- Present their solution.

■ ROBOT GAME AND DESIGN

- Design their autonomous robot to support their mission strategy.
- Code the robot to complete a series of missions in 2.5 minutes to score points.
- Present their robot design.

■ CORE VALUES

- Use FIRST Core Values throughout the year's challenge.
- During the team presentation, judges will evaluate Core Values in all parts of their work.
- **COOPERTITION** – shows that learning is more important than winning. Teams can help others even as they compete.

TYEE ROBOTICS CLUB

■ WHAT IT IS

- Encourage high-quality work while emphasizing the value of others
- Requires **COMMITMENT** to participate and attend **ALL** meetings, **complete homework** and **do extra work outside** of the meeting times.
- Fast-paced!
- Students are expected to make progress on all components of the competition every day due to the short amount of time between now and December (5/6/12/13).

■ WHAT IT IS NOT

- A class taught by Mr. Burke.
- Babysitting.
- “Teach me how to play with LEGO robotics” club.
- Time for playing with LEGOs, video games, watching youtube videos.
- Not an extension or substitute for the Robotics class in Tyee.

LOGISTICS

■ MEETING TIMES

- Mondays and Thursdays from 4 – 6pm
- Saturdays (9 – 11am).
- Room 1304
- Teams can meet on their own at other times

■ COMPETITION DAY

- Saturday or Sunday **Dec 5/6/12/13**
- **8 am – 5 pm**
- **Yes it is mandatory to attend.** If your child cannot attend, reconsider signing up for the club as all team members are essential!

PARENT VOLUNTEERS AND HS MENTORS

■ Parents as Chaperones for Classroom Management

- Completed L3 background check.
- All parents must volunteer for at least 4 sessions. Parents are NOT coaches, but will help manage the classroom and make sure students stay on task.

■ HS MENTORS

- Volunteers from the Newport Robotics Club (NRG 948)
- HS mentors provide Coaching and Mentoring for students.



APPLICATION AND LOTTERY

■ APPLICATION FORM

- Student and parent form. **Student form must be completed by the student only!**
- Submit completed applications to Mr. Burke's tutorial by **Sept 17 Thurs 4pm**
- Incomplete applications will not be accepted.

■ LOTTERY

- Every qualified student receives 1 lottery entry.
- Additional entries can be earned for students who joined the Spring Session, 7th grade and above, applicants who show clear knowledge or strong interest through the application form. (Up to a maximum of 2 total)
- Lottery conducted **Thursday Sep 17, 5pm.**
- **Payment must be completed by Saturday Sep 19 at 11:59pm** otherwise we will assume your student is no longer interested and we will offer the spot to the next waitlisted person picked via lottery. No exceptions will be made.

STUDENT / PARENT CONTRACT

■ STRIKES

- Any misbehavior – playing Minecraft/video games/watching unrelated youtube videos.
- Unexcused absences or not attending mandatory meetings, habitual tardies.
- Non-completion of homework. Homework will be assigned Mon and Thu. Must be completed by following Mon.
- Accumulating 4 strikes results in removal from the club.
- Any bullying/harassment/fighting removes you from the club automatically.

■ COMPLETION OF WORK

- The goal of the club is to foster STUDENT learning and skills development.
- We want the kids to produce high-quality work to the best of their abilities.
- **LEARNING IS MORE IMPORTANT THAN WINNING!**
- The club is NOT for parents to do the work for the kids.
- If this occurs that the team will be disqualified. ⋮⋮⋮

QUESTIONS

roboticsclub@tyeeptsa.org