

Team Handbook

FRC Team 2910
2018-2019



JACK IN THE BOT

FRC TEAM 2910

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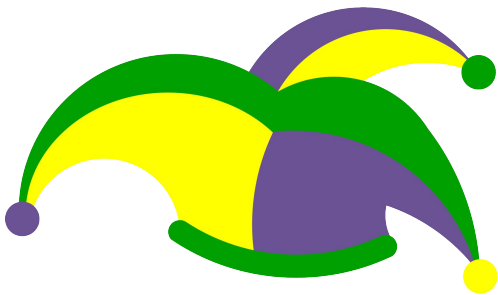
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Welcome

Welcome to FIRST Team 2910! We are a FIRST Robotics Competition (FRC) team at Henry M. Jackson High School in Mill Creek, Washington. We stand out in a crowd with our Mardi Gras theme, colorful beads and jester hats, and are known most for our infectious enthusiasm and passion for FIRST Robotics. Our chants are contagious with spirit and excitement that fills the room.



Our team is in its eleventh year now, and we have a sizeable record of awards, including the Rookie All-Star Award, three Excellence in Engineering Awards, Runner-Up Safety Award, four Team Spirit Awards, two Engineering Inspiration Awards, one Creativity Award, and two Imagery Awards. We lift our members with unwavering support, while always conjuring up fun wherever we go.



Vision Statement

FRC Team 2910, Jack In the Bot, strives to inspire the next generation of leaders in science, engineering, and technology. We bring passion to all we do, from designing our robot to engaging in year-round activities to spread the mission of FIRST. We enthusiastically pursue community service activities to help improve our community, and to help our students become outstanding citizens.

We foster essential life skills including self-confidence, communication, and gracious professionalism. We are a family in our jester hats and colorful beads, passionately spreading the message of FIRST.



College and Career Opportunities

There are many opportunities available for students who participate in FIRST Robotics programs. Many colleges and universities, professional associations, and corporations offer college scholarships to high school students on FIRST teams. This is official recognition of the knowledge and technical and life skills these students have gained from participating in FIRST.

In 2019, over 200 scholarship providers will make available over 875 individual scholarship opportunities with a total value of over \$30 million! Additionally, having FIRST Robotics on your résumé is a major plus for college and job applications.



Varsity Letter

Varsity letters are awarded at the end of the season to those who exemplify the ideals of our team. To earn one, team members must complete all six category A requirements, and at least one category B requirement.

- A1. Member has supported their subteam in a significant way.
- A2. Member has volunteered at two or more FIRST competitions.
- A3. Member has attended at least two events showcasing the team to the school or local community.
- A4. Member has participated in at least three team (not booster) fundraisers.
- A5. Member has maintained a GPA of 2.5 or better for the current school year.
- A6. Member has attended at least four competitions as a member of our team (not volunteering).
- B1. Member has submitted two event reports *or* submitted an article to a newspaper or online publication.
- B2. Member has invested time in creating, sharing, or facilitating member recruitment. (Documentation required)
- B3. Member has participated in ten hours of approved volunteering activities outside of the category A requirements. (Documentation required)

Team Meetings and Activities

Note: Please be aware that meetings may be cancelled, which will be announced before the meeting.

Meetings

Preseason: Every Monday from 6 to 8pm. There will be various training meetings, including Media, CAD, and Programming. The times for these are announced yearly.

Build Season: Monday through Thursday from 6 to 9pm, with meetings on Saturday from 9am to 5pm.

Activities

- Preseason Workshops
- Kickoff
- Competitions, on season and off season
- Fundraisers
- Team Outreach
- Volunteering Opportunities

Communication

Our team's primary form of communication is a web service called Slack. It allows our members and mentors to keep in contact from any device at any time. All members are expected to check Slack often, as to not miss any important announcements. We strongly recommend downloading the Slack app on your mobile device if possible.

When using Slack, team members should remember that it is meant for serious conversations. Do not swear or post spam messages on any channel. Furthermore, members should not upload non-robotics files and images Slack.

All students in Team 2910 should make sure that they have added their phone number and email, as well as a parent's email to the contact list in order to be contacted in case of emergencies or very important announcements.

Our team calendar can be accessed via the team website, found at frcteam2910.org. The website is also a resource for learning more about our team and finding contact information.

General Rules and Expectations

1. Team members must wear team shirts and hats when participating in any team activity or event.
2. Team members are expected to maintain a passing grade in all of their classes throughout the year.
3. Students and adults should demonstrate a positive attitude at all times.
4. Students and adults should be respectful toward everyone at all times.
5. Team 2910 members must be willing to help whenever asked.
6. During team work times, students will actively participate in team activities.
5. All students and adults must actively participate in discussions and conversations
8. Out of courtesy to others around us, there will be no Public Displays of Affection.
9. We will build a culture of respect and cooperation amongst all members, mentors, parents, and coaches.
10. Be safe, use common sense, if you have questions, ask a coach or mentor.

Competition Expectations & Machine Shop Guidelines

Competition

1. Members will help anyone who needs it.
2. We will be encouraging and supportive of all teams.
3. In the stands, members will actively participate in scouting and cheering.
4. Students will stay together at the competition or hotel, and will travel only with adult supervision.
5. During overnight trips, members must stay in their rooms after room checks.
6. Every member must follow the philosophies of Gracious Professionalism.
7. Members must abide by all general team rules while at competition.

Machine Shop

1. Students must wear safety glasses at all times, as well as wear closed toe shoes, tie back hair, and tuck in loose clothing.
2. No eating or drinking in the work area of the shop.
3. No running or horseplay.
4. Never use equipment without mentor supervision/permission.
5. Be productive; the shop is not a place to hang out.
6. Always clean up after you have completed a task, and if you have nothing to do.

Parent Responsibilities & Financial and Fundraising Expectations

Our robotics team consists of both parents and students. Even though the students actively participate on the team, parents provide an important supporting role, from mentoring to helping with fundraisers.

Parents are expected to attend the team's parent meeting, as well as keep up to date with team activities and make sure their student is meeting all the expectations. Regular updates will be sent out to the provided parent emails as to keep parents informed.

Students are required to participate in at least one team fundraiser. Fundraisers reduce the cost of trips to students, and pay for various other expenses.

The only thing students need to pay for are dues. The team dues are \$75, and they pay for the three team shirts all members need. The booster dues are around \$100, and go to the robotics team boosters, who ensure we can get parts ordered quickly and make everything run smoothly.

If a member wants to go on an optional overnight trip, there will be a fee announced to cover the cost of transportation and housing for that particular event.

If you need financial assistance, talk to Mrs. T.

Team Structure

Our team's structure is comprised of multiple subteams, subteam leads, officers, mentors, and coaches. Mentors teach members skills, and coaches teach and oversee the whole team.

Subteam members work on various projects, while the subteam leads coordinate their subteam.

Mechanical	Electrical	Programming
Media	Subteams	CAD

Officers are students who take care of more general tasks, from team finances to creating school announcements. To become an officer, any student may apply at the end of the competition season, and the mentors and coaches will decide who is the best fit for each position.

Director of Engineering	Team Administrator	Director of ASB Relations
Assistant Director of Engineering	Director of Sponsor Relations	Director of Media and Marketing

Team Leadership Information

Coaches

Maggie Thorleifson

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Mentors

Kevin Torrico | Harry McDonald

Kyle Jeffries | Brian McCarthy

Royce Allister | Athina Ebert

Chris Funke

Officers

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