

Team 2073 EagleForce



Team Handbook

2022-2023

Pleasant Grove High School

9531 Bond Rd.

Elk Grove, CA 95624

Table of Contents

Introduction	3
About Us	4
General Information	6
Community Outreach Initiatives	7
Team Divisions	8
Team Leadership & Selection	10
Attendance Policy	12
Shop & Facilities	13
Team Identity	14
Travel and Competition	15
Team Member Obligations	20
Parent Involvement	22
Authority of the Handbook	23
Student Contract	24
Transportation Liability Form	25
Workshop Liability Form	26
Competition Student Contract	27

"With FIRST Robotics as the catalyst for the development of professional skills and creative minds among today's youth, we hope to bring the marvels of tomorrow to the reality of today."

Introduction

Welcome to Team 2073: EagleForce! We are honored to have you join us, and we hope that some of your best high school memories come from robotics. The following pages contain information about our team, management structure, policies and guidelines so you know what to expect from us and what the team expects from you.

Mission Statement

The general purpose of this organization is to foster a culture of STEM (Science, Technology, Engineering, and Mathematics) education, outreach and awareness for K-12 students in California: by engaging them in exciting mentor-based programs that build science, engineering, technology and business skills, that inspire innovation and foster well-rounded life capabilities including self-confidence, problem solving, communication and leadership.

FIRST

FIRST (For the Inspiration and Recognition of Science and Technology) is a non-profit, international youth organization founded by Dean Kamen in 1989. Today, the program has over 400,000 youth participants and over 250,000 mentors, coaches and volunteers. The mission of FIRST is to inspire young people to become leaders in science and technology by engaging them in exciting and innovative robotics programs that teach them skills in STEM (Science, Technology, Engineering and Math) and build self-confidence, as well as communication and leadership skills.

FRC

Within FIRST are four robotics programs, each catered to a different age group. We participate in the highest-level program, FIRST Robotics Competition (FRC), with more than 8,000 other high school teams worldwide. At the beginning of each year, FIRST releases a game challenge for FRC and then teams have a "Build Season" to design, build, and program a robot from scratch to complete the challenge and compete in 3 vs.

3 matches at competitions. Teams must raise funds to cover the expenses of parts, materials, travel and lodging at competitions. The game theme differs yearly - there have been themes of soccer, frisbee, steampunk and the medieval era.

FRC Build Season

Build Season typically starts on the first Saturday in January and lasts until our first competition. During these intensive weeks, students work closely with mentors, faculty, and other students as they use professional CADD (Computer Aided Drafting and Design) programs to design the robot. Stock materials and industrial machinery are used to prototype, manufacture, and assemble the mechanisms. The Java Programming language is used to write the code for the robot. We build two identical robots, a practice robot where we prototype and do our testing on and a competition robot which we take to competition and has the final iteration of all the mechanisms and is ready to compete with the best of the best and at the highest level.

About Us

With the guidance and support of our Mentors, students are exposed to a plethora of subject areas, and we highly encourage learning more than one. Our mentorship is composed of professionals from various career backgrounds and alumni who have gone through our program themselves. We also have dedicated parents and team coordinators who do a great deal to take care of our team during the year and ensure that our build season and our trips run smoothly and safely.

Our success within the FIRST Robotics Competition (FRC) program and our local community is dependent on the dedication of team members like yourself. It is our mission to provide you with the opportunity to work with other dedicated and like-minded students on Robotics projects that allow hands-on learning. Through such projects, you can learn about and explore STEM and Business and acquire skills that will make you competitive for university admissions as well as a strong candidate in the job market of such industries. We also hope for you to develop well-rounded skills of leadership, teamwork, problem-solving, and communication that you can apply outside of school and robotics. It is important to us that your involvement on the team is memorable, educational, and most importantly, fun!

Robotics means more than robots to EagleForce - the students' personal and educational success takes precedence over winning.

Brief History of Notable Accomplishments

Founded in 2008 by PGHS's Industrial Engineering teacher Mr. Michael "Buck" Young, our team has since grown in both size and capability, as we have continued to maintain continuous learning and improvement.

Here are some of our notable accomplishments:

- ❖ 2008: Team founded during the offseason
- ❖ 2011: Attended the World Championships (St. Louis, MO) for the first time
- ❖ 2014: Attended Championships again; won the Gracious Professionalism Award
- ❖ 2014: Along with Team 3859 Wolfpack Robotics, our team founded Capital City Classic, an off-season competition.
- ❖ 2017: Won our first Regional Competition in Salt Lake City, Utah, qualifying for the World Championships held in Houston, Texas, where we became an Alliance Captain
- ❖ 2017: Won Innovation in Control Award out of over 120 teams at World Champs
- ❖ 2018: Our dedicated mentor Mr. William "Bill" Kendall wins the prestigious Woodie Flowers Finalist Award at the Sacramento Regional in Davis, CA
- ❖ 2018: Attended the Houston World Championships and won the Creativity Award out of over 120 teams
- ❖ 2019: Won the Engineering Inspiration Award at the Monterey Bay Regional
- ❖ 2019: Won the Gracious Professionalism Award on the Carver-Newton Division at the 2019 Houston World Championships
- ❖ 2020: Due to Pandemic conditions, we were not able to participate in any competitions.
- ❖ 2020: Capital City Classic was forced to go virtual, with two streams of workshops taking place on Saturday and Sunday, open to teams from all over the world.
- ❖ 2022: Won the Engineering Inspiration Award at the Arizona Valley Regional and attended the World Championships in Houston

General Information

Behavior

It is expected that all members act maturely and professionally in compliance with the Pleasant Grove H.S. and Team 2073 Handbook. Members whose behaviors do not meet Team 2073's standards will be subject to discipline. Your behavior impacts and reflects on the entire team. What you say to another team member and how you say it may be overheard by a judge, potential sponsors, or members of another team.

It is important for all members to keep in mind that they are representing our team, school, **and** our sponsors during any team-related activities. Whether online or in-person, members must treat teammates, mentors, other teams, and the general public with kindness and respect at all times.

Confidentiality

Members are not permitted to disclose any ideas, designs, documents, photos or videos to anyone not on Team 2073 without explicit approval from student leadership or team mentors. We take confidentiality very seriously during the build season, lasting from January 1st through the end of World Championships. Violations are punishable up to dismissal from the team.

Team Mentors

The sustainability and accomplishments of Team 2073 would not be possible without our mentorship team. Our mentors include people from various professions and many alumni who have been on the team themselves. This diversity of mentorship lets us accommodate students' different learning styles and maximize their potential.

William Walker Mentor \ Faculty Sponsor	Garrett Hernandez (Alum) CADD, Mechanical
Matt Beaudin Scouting \ Strategy	Jake Wolhort (Alum) Mechanical, Programming
Nishan Sandhar Business	Amrin Sandhar (Alum) Mechanical, Programming

Team Logistics Coordinators

Mentors play an impactful role with the students but the team would not thrive without our team coordinators. Our team coordinators are parent volunteers who dedicate their time to team logistics such as Transportation, Plane tickets, Hotel Booking, Coordinating lunches and dinners during build season, and so much more.

- Melissa Gallagher
- Lien Wong

Community Outreach Initiatives

VEX IQ - EagleCourse Robotics Summer Camps

In Summer 2018, we began EagleCourse Robotics, a week-long summer camp for kids to learn STEM using VEX IQ Robotics kits. The 4th-8th graders work with our counselors to build robots and compete in challenges against other campers. The camps are hosted at Pleasant Grove High School in our Mechatronics Lab. In Winter of 2021, we held our inaugural Winter Workshops - robotics camp via Zoom.

FIRST Lego League (FLL)

FLL is a FIRST robotics program for grades 4-8. Each year, we host FLL Qualifiers Tournaments in November and District Championships later in the year. All students are encouraged to volunteer at these events to help earn their Community Service hours.

Capital City Classic (CCC)

Capital City Classic is an off-season FRC competition that we co-host with two other teams - Team 1678: Citrus Circuits (Davis, CA) and Team 3859: Wolfpack Robotics (Elk Grove, CA). CCC's venue alternates amongst each of our high schools yearly. The event's success is contingent on volunteers, so students are expected to volunteer.

Team Divisions

Mechanical Team

The Mechanical Team designs and builds robots and completes other relevant projects. During Build Season, their presence and contributions are required and crucial to our success. These students must be well versed in CADD and machining.

Design and Prototyping

Design and Prototyping is the subdivision that prototypes design concepts for robot mechanisms to complete the game challenge. Prototypes that successfully show proof of concept are refined and incorporated into the design of the robot.

Manufacturing and Assembly

After a complete CADD model, students manufacture parts from aluminum stock with industrial machinery such as lathes, mills, and CNC machines. They then assemble the mechanisms.

Programming Team

Programming students develop software for our robots and other projects including development of applications, control systems, and vision tracking. We use a variety of programming languages, primarily Java, to accomplish these tasks and make our robot competitive in both teleop and autonomous portions of the game.

Vision Tracking

In game challenges that incorporate vision tracking, our programmers use code and electronics such as Limelight cameras to write such programs. Vision tracking can be crucial to a robot's success on the field.

Electrical

Electrical students are responsible for wiring the robot. They wire all electrical systems and ensure proper cable management.

App Programming

This team develops iOS and Android scouting applications for competitions, allowing us to collect data on other teams and form the best possible alliance for the elimination rounds. They also code server-side calculations to give weighted rankings for all robots in a competition based on the data collected through the tablet applications.

Business

Business students handle tasks such as fundraising, organizing team and community events, and planning competition logistics with our team coordinators.

Finance

Team operations are costly, so business students recruit local and corporate sponsors, apply for grants, fundraise, and maintain accurate financial records.

Outreach

Outreach is crucial in building our team's community presence and raising awareness about robotics and STEM. Students plan events to present our program and demo our robot to the community and sponsors throughout the year.

We also have community projects to show students how their skills can help improve the lives of our community and beyond. We have worked with kids and families in the past and continue to do so.

Media

Team members manage our website and social media while adhering to our Branding Document. Frequent updates are crucial to keeping the public and our sponsors informed of our team activities, projects, events and promoting a positive team image. They also handle team photography and videography.

Awards

Teams compete at competitions for various awards in areas such as mechanical, programming, outreach, and business management. Some examples include Industrial Design, Entrepreneurship, Chairman's, Engineering Inspiration, and Innovation in Control. Team members submit essays and speak with Judges about our team operations, outreach, as well as our robot.

Scouting and Strategy

Scouting roles are assigned to qualifying Travel Team members prior to competition. Scouts watch matches and collect data via our Scouting App. Scouting is essential to a team's success.

Scouts gather information about the capabilities of other robots and strategists analyze the data to make an informed decision during alliance selections for the elimination matches. This data is also used to strategize during qualifier matches, to allow us to best compete against the opposing alliance.

Team Leadership & Selection

Mechanical Director

The Mechanical Director is responsible for overseeing and reviewing the design, manufacturing, and assembly process. Extensive knowledge about and experience with mechanical design is required to fulfill this role. The Mechanical Director should rarely miss meetings in their entirety and is required to maintain a sustained and consistent effort in their duties.

Mechanical Manager

The Mechanical Manager assists the Mechanical Director. Their own responsibilities include managing the production of parts, documenting purchases, and giving the treasurer receipts. The amount of time, dedication and effort required to fulfill this job mirrors that of the Mechanical Director.

Business Director

The Business Director plans and oversees all Business projects. Their responsibilities include working with the Treasurer to keep accurate financial records, handling competition logistics/paperwork and representing the team at events. The Business Director should rarely miss meetings in their entirety and is required to maintain a sustained and consistent effort in their duties.

Business Manager

The Business Manager completes projects under the supervision of the Business Director. They manage outreach, plan events and fundraisers, and promote the team at community events. The amount of time, dedication and effort required to fulfill this job mirrors that of the Business Director.

Programming Director

The Programming Director plans and oversees all Programming projects. The Programming Director is required to keep a close working relationship with the Mechanical Director and Manager. The Programming Director should rarely miss meetings in their entirety and is required to maintain a sustained and consistent effort in their duties.

Programming Manager

The Programming Manager completes projects under the supervision of the Programming Director. In order to ensure a consistent codebase, the amount of time, dedication and effort required to fulfill this job mirrors that of the Programming Director.

Leadership Selection

All leadership positions with the team require a large commitment and effort. Their attendance at the vast majority of team meetings is crucial in order to provide guidance to and answer questions from team members, as well as to work closely with mentors in their respective areas of focus. The completion of the team's tasks in an accurate and timely manner necessitates that leadership be present and involved. This commitment lasts the entire year, and is especially crucial during the build season, competition, all the way up until the return from World Championships - including all debrief sessions.

Students may apply and interview for leadership positions on the team; the candidates are interviewed and selected by the EagleForce mentors. If no such person is suitable for the position, it will be dealt with on a case-by-case basis.

Minimum Qualifications:

- Upcoming Grade: 10th-12th
- Previous experience as a student on EagleForce

Leaders are required to be present at the shop in order to provide guidance to their subteams. Any leaders who are not consistently fulfilling their duties may be disciplined, up to and including removal from their respective leadership position or entirely from the team.

Attendance Policy

Each and every team meeting during the Build Season (January through April) are mandatory for **ALL** team members, without exception. Each member of Team 2073 EagleForce is expected to regularly attend meetings in order to get the most out of the team. During the offseason, the team focuses a lot more on teaching and training so if a student misses out on this, it hinders their opportunities during the season.

Attendance plays a direct role on whether a student makes the travel team or not. Once again, travel team is a privilege so the team wants to make sure everyone who is on the travel team has earned it.

During the offseason, we meet three to four times a week. For that time we would like students to make it to every meeting if possible, if not please be sure to notify leadership and mentors via the Attendance Tracker App.

Team mentors will monitor attendance during the build season, and will be in communication with those who fall below 15% of the maximum hours possible. Working with the student, a viable plan will be put together to address the concern. Those below the 15% mark are welcome to attend meetings and continue to contribute and learn, but would not be able to participate in the travel team due to limited exposure to team operations and knowledge.

January 31 Travel Team Cut

In order to allow for travel planning to occur, any team members who have accumulated less than 15% of the total possible hours will lose travel team privileges for the first regional. For example, if the possible hours is 138, anyone below 20 hours will not be allowed on the travel team.

February 28 Travel Team Cut

Similarly, any team members who have accumulated less than 15% of the total possible hours will lose travel team privileges for the second regional and the World Championships.

School \ Life \ Robotics Balance

During the Build Season, we meet five times a week. We understand that this is intense and requires a lot of time dedication but we believe it pays off in the end. Not every moment is work-intensive so team members are **encouraged to do homework** and collaborate with other students because many of our students are in the same classes; even mentors are willing to help teach the students. Sometimes the team

needs members to work on parts, so being available at the shop benefits the team and benefits the students. Every member of this team is here to help everyone else succeed.

Attendance Tracker

Each team member will receive their own FirstName.LastName@Team2073.com account. This account will be utilized to collaborate on training and seasonal activities, including attendance tracking. A link is provided to all students that allows them to track attendance in an automated fashion:

- **CheckIn** - upon arrival at the shop. Timestamp and account name are entered automatically into the attendance tracker sheet.
- **CheckOut** - upon leaving the shop. A sentence or two will be entered by the team member to capture what work and activities they performed that day.
- **NoAttendance** - when a student is unable to attend the mandatory Build Season Meetings, they select this option, followed by entering the reason for not attending. Valid reasons include Homework\Exams, Medical\Health, school activities, family activities, and other similar concerns that necessitate absence. **The key is to communicate when a team member will not be present, so that we can properly plan the workload.**

Shop & Facilities

Our team works in HF - the Engineering Building at Pleasant Grove High School. We use three rooms: the Computer Lab (HF-3) , Mechatronics Lab (HF-2), and Machine Shop (HF-5).

Rules and Guidelines for Team Facilities

- No member is permitted to work without a mentor present.
 - Safety Glasses must be worn at all times when you are near any machinery, even if you are just observing.
 - After using a tool, it must be returned to its designated location. After every work session, all the tools and materials must be put away in an organized manner.
 - Anyone leaving before a work session is over must first clean for at least fifteen minutes - they must tell a mentor when they begin cleaning. Keep our facilities clean, organized and safe.
 - If a machine or power tool malfunctions or breaks, it must be reported to a mentor immediately to prevent the potential injury to others.
 - No electrical devices may be powered by daisy-chaining cords or power strips.
-

- Loose hair and long or baggy clothing must either be tied back or removed before a member is permitted to use any power tools or machinery.
- Dangling accessories must be removed (necklaces, earbuds, etc.) prior to operating any tools or machinery.
- Team members must be engaged in robotics related activity or homework while in any of the workspaces. Anyone not participating in such activities will be asked to leave - horseplay and games will not be tolerated.
- Mentors always have the final word in any situation where the safety of team members is concerned.
- All team members must abide by the PGHS Handbook in addition to the guidelines in this handbook with regard to behavior and self-conduct.

Team Identity

To establish a consistent team brand in the FIRST and local community and beyond, it is expected that our members uphold the standards that define our team image.

Identity Standards

Team 2073 has a comprehensive set of binding identity standards. All documents and social media postings representing Team 2073 must be reviewed by the Business Director or any mentor before publication or release.

Team Merchandise

Students and families can purchase Team 2073 merchandise to show their support. Every year, we design new merchandise to go with the year's game theme.

Rules and Guidelines for Team Dress Code

Compliance with the Team Dress Code is mandatory at all competitions events.

- Official Team 2073 EagleForce merchandise must be worn from practice day through eliminations day at all competitions and at team and community outreach events
 - Dri-Fit Uniforms (from 2019 forward)
 - Cotton Tees
 - Polo Shirts
 - Team Sweatshirts
 - Other team gear
- Students may not trade EagleForce Dri-Fit shirts, but they may trade cotton tees
- **No clothing articles of any kind representing another team can be worn during the competition.**

- Closed-toe shoes must be worn at all times in the woodshop, machine shop, and the Pits. No exceptions, as these are FIRST enforced rules.

Photography

All members of Team 2073 acknowledge that they may be photographed and mentioned in team and FIRST / FRC related publications.

Travel and Competition

All Travel and Competition roles will be determined by mentors prior to departure for each competition.

Competition Roles

Drive Team (3+)

Qualifications

- Dedication throughout the build season
- Strong work ethic

Responsibilities

- Work well under pressure to perform at competition
- Good attendance for practice sessions before competition

Pit Crew (3+)

Qualifications

- Expert knowledge of the robot and its mechanical systems so they can fix any issues

Responsibilities

- The ability to work fast and well under pressure, and help other teams in need

Scouting Captain

Qualifications

- Knowledge of Strategy and the team's strengths and weaknesses

Responsibilities

- Strong leadership skills because they are responsible for making the scouting schedule and ensuring that all the teams/matches are scouted and to manage the scouts. The scouting captain plays a big role in creating our team's "Pick List" and will be the team's Alliance Selection Representative.
-

Strategist

Qualifications

- Worked on scouting team

Responsibilities

- Analyzing the scouting data and being able to come up with different game plans

Chairman's Presenters (3)

Qualifications

- Excellent writing and communication skills
- Involved year round with the team outreach, team projects, and build season

Responsibilities

- Writing, creating a presentation, and presenting to the judges

Judge Speakers (2)

Qualifications

- Excellent writing and communication skills
- Involved year round with the team outreach, team projects, and build season
- Worked on Awards

Responsibilities

- Presenting to the judges about various team matters such as Business, Programming, Robot Build, Team Dynamics, Sponsors, etc.

Media

Qualifications

- Excellent photography skills
- Creativity

Responsibilities

- Updating our Twitter, Facebook, and taking pictures/videos throughout the competition

Scouts (8+)

Qualifications

- Focus
- Understanding of gameplay and rules

Responsibilities

- relay information about other teams to the strategist and drive team to better formulate our strategy and ultimately help us win the competition.

PDA Policy

All mentors and members of 2073 are expected to maintain professional behavior, both in public and at team meetings. Professionalism can be upheld by establishing and adhering to a standard of decency, shown through a student's attitude, attire, and communication. Additionally, all relationships on the team must remain professional, especially with any potential for public displays of affection (PDAs). PDAs are acts of romantic physical intimacy visible to others, not to be confused with platonic acts of friendship. Robotics meetings and events are places for students to work and be focused, and PDAs can be distracting not only to those involved but also to those who witness it. If engaging in a PDA, students create an unprofessional image and an impaired working environment for the team, whether during a team meeting, competition, or other event. Therefore, all forms of PDA are considered inappropriate and are prohibited at any team event. If you are in a relationship, do not let it interfere with robotics.

Unacceptable PDA includes but is not limited to:

- Intimate touching
- Hand holding
- Caressing/stroking/fondling
- Kissing
- Cuddling
- Sitting in another person's lap
- Rubbing or massaging
- Hugging in a romantic manner

We expect mentors to apply these guidelines to themselves with the maturity of an adult mentor. Additionally, student and mentor relationships must always remain strictly platonic and professional. See FIRST's Youth Protection Policy for more detail. Failure of a student to adhere to this code will result in initial warnings from any mentor. If an inappropriate situation arises in which any mentor feels it is necessary to intervene in the moment, they will do so.

Lodging

Team Coordinators do their absolute best to find the best and safest hotels for the team. They do extensive research so that everyone is safe and secure.

Each room will have two beds to allow for four students per room. Students will have the option to have their own bed but an additional fee will be incurred with this choice.

Each student will fill out a form regarding who they would like to share a room with so no student is put in an uncomfortable situation. In addition to the form, Mr. Walker will have a conversation with each team member.

During a competition, if a situation happens to occur, please reach out to any Mentor or Team Coordinator immediately.

Eligibility

Attending competitions is a privilege earned through involvement in robotics throughout the year. The most important time of the year for attendance is the very limited build season, from January through the World Championships in April. Team mentors make the final decisions on the composition of the Travel Team. Factors for consideration include:

- Students' participation and contribution throughout the year, with emphasis on the current Build Season. **See the section above titled Attendance Policy.**
- Minimum of a 2.5 Weighted GPA with no failing grade for the current semester

Out-of-town competitions are costly so there are strict policies regarding qualifying and attending, but all members are encouraged to attend local competitions.

Travel Team Selection

Travel team consists of about 25 students. These students will be selected depending on the student's:

- Attendance
- Involvement
- Contributions
- Academic Grades

Students do have to pay a fee to attend these competitions but the last thing this team wants is for a student to miss a competition due to financial hardship. The student or parent should contact a mentor as soon as possible so that the team could work with them. We have limited scholarship funds available that can be applied discreetly, visible only to the mentors.

Roles for the travel team are articulated in the "Competition Roles" section.

Payment

The travel, hotel, and food costs for competitions are expensive. All payments are due prior to competitions. Time permitting the team will ask for a down payment deposit

and then the final payment will be due closer to the competition date. The goal is to break up the payments into two smaller amounts rather than having one big payment.

Students may rescind the decision to attend a competition up until the cancellation date. If a student revokes their attendance after this date, we will refund the payment if another student takes their spot. If a student needs to cancel for reasons beyond their control after the cancellation deadline, the parent should contact a mentor.

Roles and Responsibilities at Competitions

Prior to competition, each member of the Travel Team is assigned one or more responsibilities, including Drive Team, Scouting, Pit Crew, Judge Speaker, Media, etc. Fulfilling assigned roles is vital to the team's success at competition; hence, members may not engage in unrelated activities without explicit permission from a mentor. However, members are encouraged to watch matches and meet other teams and their robots.

Behavior

Behavior deemed in violation of Team 2073's standards will result in consequences as determined by on-site mentors. Severe infractions may result in an immediate flight or bus trip home at the expense of the team member, loss of future travel privileges, and/or dismissal from the team.

School Absences

Out-of-town competitions may require students to miss one or more days of school. A Form C signed by their teachers is required to excuse their absences, and they are responsible for any missed work and tests.

Students must complete and submit Form C's, Field Trip Forms, and Emergency Medical & Contact Info Forms before competitions. Field Trip Forms are required by the district and Emergency Medical & Contact Info Forms are for reference during travel.

Students are excused from school to participate in Robotics related events. With this in mind, a student is not allowed to leave the competition.

Team Member Obligations

Eligibility

Students may join at any time, but joining later in the year may result in ineligibility to travel. In order for students to participate on the team they must:

- Turn in the Student contract attached to this handbook
- Turn in the Transportation Liability Form
- Turn in the Workshop Liability Form
- Maintain compliance with the Pleasant Grove High School Handbook
- Maintain compliance with the Team 2073 Handbook
- Sign up on STIMS (Student and Parent/Guardian)
- Attend all meetings. When not attending, notify in advance.

Meetings

The meeting schedule is subject to change - we will notify students of any changes.

Summer: May - August

Tue. & Thu.
3pm - 6pm

Saturdays:
10am - 6pm

Off Season: Sept. - Dec.

Tues. & Thu.
3:30pm - 6:00pm

Season: January - April

Mon., Tue., Thu., Fri.
3:30pm - 9pm

Saturdays:
9am - 9pm

Tentative Schedule

All times and dates may vary due to unavailability of mentors or unforeseen circumstances.

Off-Season	
Sep. - Dec.	<ul style="list-style-type: none"> Continue our summer plans and teach new students technical, business, programming and electrical Off-season robot for hands-on learning and application Visit community events to talk about our team and demo our bot
September	<ul style="list-style-type: none"> <u>Club Rush</u>: new student recruitment event at PGHS
October	<ul style="list-style-type: none"> <u>Capital City Classic Competition</u>: MANDATORY - local off-season competition
November	<ul style="list-style-type: none"> <u>Madtown Throwdown</u>: off-season competition in Madera, CA
December	<ul style="list-style-type: none"> Team Holiday Party / Winter Break Wrap up the off-season and prepare for the season
Season	
January	<ul style="list-style-type: none"> <u>Kickoff Day</u>: MANDATORY - Season game reveal and start of build Season <ul style="list-style-type: none"> 1st Saturday of January <u>Kickoff Meeting and Potluck</u>: parents are invited to learn about the game challenge and our plans for the season; dinner is served via potluck
February	<ul style="list-style-type: none"> Robot Showcase - open house of the shop where the team "reveals" that years robot to family, friends, sponsors, and other members of the community.
March	<ul style="list-style-type: none"> Start of FRC Regional Competitions We attend two Regional Competitions during the season
April	<ul style="list-style-type: none"> Houston World Championships (if our team qualifies)

Summer	
May	<ul style="list-style-type: none"> ● End of the year break ● <u>Yearly Recap Meeting</u>: come back together to recap how the year went and what the team can improve on for the next year ● <u>End of the Year Party</u>
Jun. - Aug.	<ul style="list-style-type: none"> ● Train current and new incoming students ● <u>EagleCourse Robotics Summer Camps</u>

Communication

Email

E-mail is our primary method of communication. All team members will have an @Team2073.com email address in our collaboration workspace. All parents should ensure the team has their valid email address on file by emailing their contact information (mobile #, email address) to Robotics@Team2073.com. ALL students are required to check their @Team2073.com email at least once per day.

Discord

All team members must have an active discord account registered with the team. Each team member must talk to a mentor and ensure they are connected to our Team channels. Team members **must** use their real name in the team Discord server.

Sign Up Genius

Sign Up Genius is an online platform for families to provide food for the team during the Season - we ask that each family signs up for at least 4 meals per month. Donations are welcome and volunteers to pick up food are appreciated as well.

Parent Involvement

Our team is large and growing and has many branches. We would love to have parents get involved and lend their expertise/help to the team to help us succeed. Parents who wish to be more involved with the team in any way, please feel free to contact us at:

Robotics@Team2073.com

Food

During the build and competition season, we work through lunchtime on weekends and dinners during the weekdays. Food is provided by the parents. The team also accepts monetary donations so a mentor or volunteer can go pick up food on behalf of the team.

Transportation

On away trips, transportation is extremely important. Parents are often needed to transport our travel team to close-by events in San Jose, Davis, Monterey, Fresno and Madera. To drive, we'll need a copy of the Volunteer Personal Automobile Use form from the district on file. Please see the business team to obtain a copy of the form. The team will provide meals during the competition, but the drivers will be responsible for their own lodging. For details about our group booking reservations, please talk to a team mentor for more information.

Authority of the Handbook

The rules and policies set forth in this handbook are binding and must be followed by all team members. The Mentor leadership team has the authority to modify the handbook at any time. The team members and their parents will be notified of any modifications. All students and parents/guardians must acknowledge the Authority of the Handbook by signing the contracts and forms below.

Student Contract

Please print this page, sign, scan and email to Robotics@Team2073.com.

By signing below I acknowledge and understand the following terms:

- I have read the Team 2073 EagleForce Handbook and agree to comply with the policies outlined within it.
- I agree to check my @Team2073.com email address on a daily basis.
- The equipment used during the construction of the robot can cause serious harm injury if not used responsibly. I understand that members are not permitted to use any piece of equipment until they have been instructed on its safe use, and agree to abide by the safety precautions required for all equipment.
- As long as my parent/guardian have signed the Transportation Liability form, I agree to only ride in an automobile driven by a Mentor or an Approved Parent Volunteer.
- I agree and consent to allow my photographs, name, or comments to appear in media related to Team 2073, FIRST and FRC publications.
- I understand that violation of any of the policies above is punishable up to and including dismissal from the team.

Student Name

Mobile #

Pleasant Grove ID Number

Student Signature

Date

Parent\Guardian Name

Mobile Phone #

Parent\Guardian Email

Parent\Guardian Signature

Date

Transportation Liability Form

Please print this page, sign, scan and email to Robotics@Team2073.com.

	Yes	No
My child has permission to travel in a vehicle driven by a Mentor or a Parent Volunteer to and from any Robotics related events.		
I, as a parent/guardian, am willing to drive students to and from Robotics related events after having filed appropriate insurance and information form with Pleasant Grove High School.		

Student Signature

Date

Parent\Guardian Signature

Date

Workshop Liability Form

Please print this page, sign, scan and email to Robotics@Team2073.com.

	Yes	No
My child has my permission to operate Metalworking and Woodworking Machinery.		
I understand that operating machinery can lead to serious injury and that Team 2073 is not liable for the injury. Team 2073 will take precautions and educate all students on safety and maintenance on the machines. It is the responsibility of the student to maintain these safe practices.		
My child agrees to follow the rules set forth in the workshop to ensure the safety of all.		
My child understands that they are required to help clean up the workshop at the end of the day (or for a period of 15 minutes before their departure if leaving early).		

Student Signature

Date

Parent\Guardian Signature

Date

Competition Student Contract

Please print this page, sign, scan and email to Robotics@Team2073.com.

- I agree to comply with the Pleasant Grove High School Student Handbook.
- I agree to comply with the Team 2073 Handbook.
- I agree to act with Gracious Professionalism (**see below**). Remember, you are representing our team, our school, and our generous sponsors.
- I agree to follow the Team Dress Code as mentioned in this handbook.
- I agree to follow the curfew set by the Mentors.
- I agree that at the competition, the sole focus is on participation in activities related to the competition or other activities pre-approved by on-site mentors.
- I agree to be a scout and take it as a serious position if not assigned to the drive team, pit crew, media, or judge speaking.

Definition of Gracious Professionalism:

Gracious Professionalism is a way of doing things that encourages high-quality work, emphasizes the value of others, and respects individuals and the community. Gracious professionals make a valued contribution in a manner pleasing to others and to themselves. With Gracious Professionalism, competition and mutual gain are not separate notions.

Student Signature

Date

Parent\Guardian Signature

Date