

Attention Parents, Students and Mentors
CRYptonite Robotics

Cinco Ranch High School Team 624

Introductory Potluck Social

Friday, September 15, 2017

6:00 to 9:00 pm

at
the

Robert Shaw Center

1730 Katyland Drive, Katy, TX 77494

Meet the faculty sponsor, the mentors, and the students of the World Recognized
CRHS Robotics Team 624!

There will be a TEAM informational Meeting for Parents and a Student Team
Building Activity immediately following dinner.

PARENTS and STUDENTS - your attendance is STRONGLY recommended.

Please RSVP and sign up
for a dish

<http://www.signupgenius.com/go/10C0C48AEAD23A7FF2-team1>

Parking is available beside the Robert Shaw Center and across the driveway in
front of Raines High School

Go CRYptonite!

www.team624.org



2017-2018 Forms and Information

Please do not separate these forms. Return forms between now and Sept 29, 2017
to Faculty Sponsor Dr. Muskopf, CRHS Room 2206

This packet will not be accepted if incomplete.

- 1. General Information (read and understand)
- 2. Membership Requirements and Student Contract
- 3. Order and Payment Form
- 4. Booster Club and Corporate Sponsor Info
- 5. Parent Volunteer Page
- 6. Parent/Guardian Authorization for Regular Extracurricular Travel
- 7. Waiver for CRHS Robotics Students
- 8. Waiver for CRHS Robotics Parents/Booster Club Members

1. General Information

CRyptonite Robotics: FRC Team 624

Introduction

Team 624 is one of the more than 3,900 robotics teams that make up the global organization called *FIRST* (For Inspiration and Recognition of Science and Technology). This is a rapidly expanding program that reaches hundreds of thousands of students each year. The members of CRyptonite Robotics learn to design and build a robot to tackle challenging problems. Not only do members learn mechanical and engineering skills, they also learn valuable skills such as teamwork, communication, and leadership

Areas of Involvement

There are multiple areas in which students and parents can be involved. These include:

- FRC (FIRST Robotics Competition)
- VEX
- Robot Construction and Pit Crew
- Drive Team
- Public Relations
- Website & Digital Media
- Scouting & Strategy
- Safety
- Outreach
- Press Release
- Travel & Transportation
- Assist at Robert Shaw Center, Katy
- Assist at events
- Other

Each parent is expected to volunteer in some capacity. On the form in this packet, parents can indicate their areas of interest. Team 624 is always looking for more mentor involvement to allow our students to get the absolute most out their experience in robotics. Please contact Steve Henderson at shenderson1337@gmail.com with any inquiries about becoming a mentor.

Time Commitment

Team 624 is a team with a year-round activities. The official build and competition season is from January until May. CRyptonite Robotics is more than a club; it is truly a competition team. Many students are involved in other extra-curricular activities outside of robotics and are more than capable of finding the right balance between each club, organization, or team, as well as school.

Financial Commitment

Team 624 travels to three regional events between late Feb and April, and if we qualify, will attend the *FIRST* Championship competition in mid-late April, and State UIL in May. Each student and mentor must pay their own way (flights, hotel rooms, meals, etc.) for each of these competitions. Dates and locations are TBD. The team will also compete near Houston, which will require a minimal cost. All student members must pay a \$100 membership fee to help defray the cost of materials, as well as cover the cost of the required team uniform. The uniform is to be worn by each student and mentor at each competition, and includes two black t-shirts, one black polo, and safety glasses, all to be purchased by

each student and mentor from 624. The t-shirt is new each year, with updated sponsors. Nice dark blue jeans (no holes or fading) will be required for events. For team demos, students who participate will wear polo shirt and khaki pants. Families are welcome to purchase shirts to show support at competitions and events. Closed toe shoes are required at the build center and at all events.

A note about build season

FRC build season begins the first weekend in January and lasts for six weeks. This is Team 624's busiest time of the year, and there will be both students and mentors working tirelessly every day to ensure the robot is in peak condition for competition season. It is important to check in with your student during this time to know that they are in good academic standing. Even though there will be build activities every day during build season, students are not required to be at each event. Academics should be the top priority for every student!

VEX build season takes place late Spring/Summer with tournaments in Fall, Winter and Spring. Students are allowed up to two years participation in VEX, so that adequate time can be spent on FRC, where more build experience can take place (tools, sensors and higher level of technology)

Required Activities

For each student to attend regional and championship competitions, they must complete the list of required team member activities. These activities include (but are not limited to) putting in hours of build and public relations, along with being in good academic standing with the school, paying all fees, and a mentor sign-off of participation.

Communication

Team 624 sends lots of information about meetings, build, competitions, etc. through email, and each student is responsible keeping track of their email. There is also lots of important information on the website, including the team calendar. You can find us at www.team624.org.

Financial Contribution

The team's success depends on generous donations from parents, sponsors, and businesses. Your tax-deductible donation will help pay for the purchase of robot parts and materials, tools, and competition related expenses. Donation avenues are through individual contributions, matching funds from an employer, in-kind donations, or corporate sponsorships. Please contact Larry Gros at lrgros@outlook.com or Lana Henderson at texashenderson1@gmail.com if you wish to donate, or if your corporation has an interest in contributing.

2. Membership Requirements and Student Contract

CRyptonite Robotics: FRC Team 624

Requirements for membership:

- Read this packet, your acknowledgement is included in the signature below.
- Students register online at: <http://www.team624.org>
- Complete and submit all forms in this packet – no exceptions
- Once forms are turned in and accepted as complete, each student and parent will register on the *FIRST* website, once the portal opens, you will receive a link via email from the booster club.
- Maintain passing grades
- Participation in team events

NOTE: To attend competitions, a student must complete the above requirements, as well as meet regional or championship attendance criteria, outlined in the team manual.

Media Release: I agree and consent to allow my photographs, name or comments to appear in media related to Team 624.

Student Behavior and Discipline Policy (Student Contract):

As part of Cinco Ranch High School Robotics Team, students will be representing our school and will be expected to maintain good conduct at all times. Proper conduct will be expected at all functions including, but not limited to, events at CRHS, robot-build sessions, regional competitions, and any other group activities of the team or the CRHS Robotics Booster Club. As a part of CRHS, the KISD Discipline Management Plan and Student Code of Conduct will be followed with few exceptions. In general:

- Students will be courteous and respectful to fellow team members, faculty advisors, mentors, chaperones, competitors, etc.
- All team members will follow any and all safety rules, written or verbal. This includes all on and off-campus build sessions as well as trips and competitions. Students are not permitted to use any piece of equipment until they have been trained and instructed on its safe use and are not permitted to use any piece of power equipment without adult supervision.
- When traveling while school is in session, students must stay with the team and check in and out with the faculty sponsor. Any request for services, products or information from a hotel, restaurant etc. must be approved by faculty sponsor or competition coordinator prior to making the request.
- Students who choose not to follow rules will be subject to disciplinary action. Depending on the offense, a student will receive a verbal warning, and repeated offenses will result in a student's suspension from the team.
- Any gross violation of safety procedures will result in an immediate suspension from the build site until a meeting can be arranged with the faculty sponsor to discuss appropriate action.
- The faculty sponsor is the final authority for all disciplinary procedures.

As a member of CRHS Robotics Team, I have read the KISD Discipline Management Plan and KISD Student Code of Conduct that I received the first day of school. I will follow the safety rules as given by team leaders. I understand that failure to behave appropriately will result in my removal from the team.

By signing below, I acknowledge that I have read and understand the information stated in this packet, including membership requirements and student contract.

Parent Name: _____

Student Name: _____

Parent Signature: _____

Student Signature: _____

Parent Phone: _____

Student Phone: _____

Parent email (print clearly): _____

Student email (print clearly): _____

Date: _____

3. Order and Payment Form - Robotics

All 624 students are required to pay a \$100 membership fee to help defray the cost of materials. With your membership payment, each student will receive 2 black team t-shirts and one team polo shirt.

Parents, mentors, alumni and siblings are encouraged to purchase a team shirt to show team support at demos, community events, and robotics competitions.

Student or Mentor Name _____

Email _____

Phone _____

Required Student Membership Fee **\$100**

Includes 2 black 2017-2018 team t-shirts (free with membership)

Size (circle) S M L XL

Includes 1 team polo shirt (1 free with membership)

Standard polo S M L XL

Women's style polo S M L XL

Additional options Items (for family members, mentors, etc)

Additional Black Team t-shirts

Size S___ M___ L___ XL___ \$15 each x ___ = \$_____

Black Embroidered Team Polo

Standard 3-button polo

Size S___ M___ L___ XL___ 2XL___ , \$30 each x ___ = \$_____

Women's style polo

Size S___ M___ L___ XL___ \$30 each x ___ = \$_____

Black Zip-up CRyptonite Hoodie

Size S___ M___ L___ XL___ \$30 each x ___ = \$_____

Team Logo Socks (one size)

\$12/pair x ___ = \$_____

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Total of above items \$_____

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Check # _____

Attach check payable to CRHS Robotics Booster Club and indicate student's name on the check.
Due 9/29/2017. If you prefer to pay by credit card, you may do so at the Team Social on 9/15/17.

Thank you for your support!

4. CRHS Robotics Booster Club

CRHS Robotics Booster Club is a 501(c) 3, non-profit organization established to support the CRHS Robotics Team. You are strongly encouraged to attend Booster Club General Meetings to have a vote and also learn important information on team activities and season details.

**The Booster Club's main form of communication is email. Please print clearly and encourage your student to check their email daily.

Parent Name: _____

Cell Phone Number: _____ Home Phone: _____

Primary email address: _____

Additional email address: _____

Additional email address: _____

Your Student's Name: _____

Why donate to Team 624? The team's tournament entry fees and yearly expenses are paid for through private and corporate donations and fundraising support. Although KISD does not financially support our team, they have generously provided the Robert Shaw Center (RSC) for the high school robotics teams in KISD.

There are many ways to help support the team financially.

1. Write us a check. Donations are tax deductible and a tax receipt will be provided.
2. Please have a conversation with the company/companies that you work for because many will make matching donations or match volunteer hours, so please become a volunteer.
3. Donations can be made directly to CRHS Robotics Booster Club, though some require donations be made to Cinco Ranch High School with designation to Robotics Booster Club. Please see Lana Henderson if you have any questions. (texashenderson1@gmail.com)
4. If your company is already a Team 624 Sponsor, thank you! Encourage them on a personal level to continue to support our team. Companies want to have a connection to the teams they support.

Are you an employee of a company that has matching hours or funds program that can be used to help support our team? Yes: _____ No: _____ Not sure? _____

Your employer: _____

Spouse's employer: _____

5. Parent Volunteer Form

Volunteering is Expected!

Join the fun! Each participating student is expected to have a parent volunteer. Parents provide not only financial support for the team but more importantly provide volunteers and mentors in all areas of team activity. Should you have any questions, please contact Lana Henderson, email texashenderson1@gmail.com or phone 281-451-4232.

Parent Name _____

Parent email _____

Parent phone _____

Parent of (student name) _____

Here are just some of the ways volunteers help the team. **Please indicate 5-10 areas** in which you would be willing to help. Dates of events will be provided in the future. Detailed descriptions will be available soon on the team website. You will be contacted with more info.

1.	<input type="checkbox"/> Transportation – carpool students to events
2.	<input type="checkbox"/> Chaperones and adult supervision – for either local demos and events and/or travel competitions
3.	<input type="checkbox"/> Help load and/or unload equipment
4.	<input type="checkbox"/> Tow equipment trailer
5.	<input type="checkbox"/> Food - help with lunches at competitions
6.	<input type="checkbox"/> Food - help with Saturday dinners at RSC during build season starting in January
7.	<input type="checkbox"/> Science Day Camp (one Saturday in the Fall) – any of these: help with student check-in/out, provide adult supervision during the day, serve lunch, supervise science experiments and demos lead by HS students for 4 th -7 th grade students
8.	<input type="checkbox"/> Media - event photography
9.	<input type="checkbox"/> Media - press releases
10.	<input type="checkbox"/> Sewing – most of the robots require fabric covered bumpers. Instructions provided.
11.	<input type="checkbox"/> Animation – help mentor students creating safety animation entry
12.	<input type="checkbox"/> Digital media - website construction
13.	<input type="checkbox"/> Digital media - website maintenance
14.	<input type="checkbox"/> Digital media - social media

15.	<input type="checkbox"/> Video production – mentor students in creating video presentations for robot demonstrations, end of year banquet, robot reveal, etc.
16.	<input type="checkbox"/> Marketing – help with an area - create signage, shirts, logo items, posters, spirit, and community outreach, decorate trophy case at school, etc.
17.	<input type="checkbox"/> Field set construction – in January, help build required game field elements, uses mostly wood, so our practice field closely compares to actual competition field conditions
18.	<input type="checkbox"/> 624's Safety program – team safety, help prepare students/materials for safety judging at competitions, train students in safety, proper tool/equipment use
19.	<input type="checkbox"/> Web-page – add feature for sales of team merchandise or payment of events with online payment processing
20.	<input type="checkbox"/> FLL (<i>FIRST</i> Lego League) – mentor JH students participating in FLL
21.	<input type="checkbox"/> FLL – chaperone HS students mentoring JH students participating in FLL
22.	<input type="checkbox"/> FLL Tournament – Sat Dec. 2rd, help in an area: event setup, take-down, concession sales, judge, general help, almost all jobs require no technical knowledge
23.	<input type="checkbox"/> VEX Robotics – help mentor students participating in VEX activities
24.	<input type="checkbox"/> CAD – mentor students in SOLIDWORKS , AutoCAD
25.	<input type="checkbox"/> Computer Programming – JAVA, LabVIEW, C, C++, Python, etc.
26.	<input type="checkbox"/> Robot Construction (drivetrain, electronics, manipulation, and pneumatics)
27.	<input type="checkbox"/> Volunteer Coordinator

Parent Name _____

Parent of (student name) _____

Thank you for investing your time in the program!

Parent/ Guardian Authorization for Regular Extracurricular Travel

Student's Last Name	First Name	Middle Name	Grade Level
Extracurricular Activity			School Year

CRyptonite Robotics Build Site: **Robert R. Shaw Center for Science, Technology,
 Engineering, Arts, and Mathematics**
 1730 Katyland Drive, Katy, TX 77493
 Ph: 281.396.7670
 Coordinator: Steve Adams Ph: 281.396.7652

As the parent/guardian of the above-named student, I grant permission for my child (or me) to travel and participate in all regularly/routinely scheduled activities of the designated extracurricular group for the current school year. It is understood that a separate permission slip will need to be completed for any additional activities requiring travel in order for my child to participate. It is understood that CRyptonite Robotics Team 624, the landowner, the CRHS Robotics Booster Club, nor any of the CRHS Robotics Booster Club members are liable for any accident or injuries that may occur to the above-named student as a result of any aspect of his/her participation on these trips. I acknowledge that in case of an emergency, illness, or accident for which a parent cannot be reached, an attempt will be made to reach one of the emergency contact people listed below. However, if no one can be reached, I authorize the school officials to take whatever action is deemed necessary in their judgment, for the health of my child. I will be responsible for any cost in the event my child must be transported by ambulance and receive medical care.

Insurance Information

Insurance Company	
Policy Number	Group Number
Insured's Name	

Medical Information

Please note: My child has the following allergies/medical conditions and/or is currently taking the following medications:

PLEASE PRINT

Emergency Contact Information

Emergency Contact		Relationship
Home Phone	Work Phone	Cell Phone
Emergency Contact		Relationship
Home Phone	Work Phone	Cell Phone
Emergency Contact		Relationship
Home Phone	Work Phone	Cell Phone

Authorization

Parent's/Guardian's (or Adult Student's) Printed Name	Parent's /Guardian's (or Adult Student's) Signature	Date
Father's/Guardian's Home Phone	Father's/Guardian's Work Phone	Father's/Guardian's Cell Phone
Mother's/Guardian's Home Phone	Mother's/Guardian's Work Phone	Mother's/Guardian's Cell Phone

7. Waiver for CRHS Robotics Team 624 Students

CRHS CRYptonite Robotics: FRC Team 624 and associated VEX Robotics and FLL Robotics teams

Student Waiver: This form is required for all student members of Team 624

I, _____, give permission for my son or daughter, _____, to attend the CRHS Robotics Team 624 meetings, work sessions, demonstrations, training, and competitions from **August 31, 2017** through **August 31, 2018** that take place on various private, school, and public properties including those of KISD, those rented/owned by the CRHS Robotics Booster Club, and those of various CRHS Robotics Booster Club members and their families located in the area of Katy, Texas.

I understand that the Robotics activities, including but not limited to meetings, work sessions, demonstrations, training, and competitions will be held on various public and private properties, including those that may not be affiliated with KISD. I am further aware that my student and others present will be performing work with powered tools and other equipment with possible physical hazards. The equipment to be used will be, but not limited to: saws, drills, hammers, electrical systems, knives, springs, high pressure air/pneumatics, grinders, sanders, rubber, latex, plastics, sharp metal edges, sharp plastic edges, hot metal parts, torches, soldering tools, spray paints, solvents, oil, batteries, and the loading and unloading of robotics equipment from trailers and vehicles. The robots themselves are large and heavy and can move at high rates of speed with many moving parts. Reasonable safety precautions such as safety glasses and other tool specific personal protective equipment are required and it is the responsibility of my son or daughter to have and use the safety equipment while on the premises and stay clear of areas in which the robot is operating or the areas of the actual moving parts of the robot.

I understand that my son or daughter may ride or car pool with various adult volunteers and driving age students in association with Robotics Meetings, Work Sessions, Robotics Demonstrations, Robotics Training, and Robotics Competition events. I am further aware that this may be done on short notice.

I understand that there will be student to student unsupervised electronic network communication via multiple electronic platforms and systems. I will discuss this with my son or daughter and will report to the Executive Board immediately any inappropriate child to child or adult to child communication as I may become aware of them.

I understand that my son or daughter may receive food items and beverages and simple first aid as supplied by the team and others and it will be my son or daughters responsibility to communicate, identify, and take appropriate precautions and actions with any associated food/beverage/medicine allergies.

I understand that the Booster Club does not provide health insurance in the event a student is injured and any medical expenses are the responsibility of the student's family.

In the event my son or daughter is injured in any of the activities or actions outlined here, I agree to hold the property owner, facilities owner, vehicle driver, robot operator, the CRHS Robotics Booster Club Executive Board, mentors, and members and their families harmless of any consequential damage claims, and waive any legal action against them.

Signed (Student): _____ Date: _____
Signed (Parent or Guardian): _____ Date: _____

8. Waiver for CRHS Robotics Team 624 Parents and Mentors (both parents of student to sign)

CRHS CRYPTONITE Robotics: FRC Team 624 and associated VEX Robotics and FLL Robotics teams

Adult Waiver: This form is for both parents and mentors of the team.

I, _____, understand that CRHS Robotics Team 624 meetings, work sessions, demonstrations, training, and competitions from **August 31, 2017** through **August 31, 2018** that take place on various private and public properties including those of KISD, those rented/owned by the CRHS Robotics Booster Club, and those of various CRHS Robotics Booster Club members and their families located in the area of Katy, Texas.

I understand that the Robotics meetings, work sessions, demonstrations, training and competitions will be held on various public and private properties that may not be affiliated with KISD. I am further aware that I and others present may be performing work with powered tools and other equipment with possible physical hazards that may endanger me. The equipment to be used will be, but not limited to: saws, drills, hammers, electrical systems, knives, springs, high pressure air/pneumatics, grinders, sanders, rubber, latex, plastics, sharp metal edges, sharp plastic edges, hot metal parts, torches, soldering tools, spray paints, solvents, oil, batteries, and the loading and unloading of robotics equipment from trailers and vehicles. The robots themselves are large and heavy and can move at high rates of speed with many moving parts. Reasonable safety precautions such as safety glasses and tool specific personal protective equipment are required and it is my responsibility to have and use the safety equipment while on the premises and stay clear of areas in which the robot is operating or the areas of the actual moving parts of the robot.

I understand that I may drive, ride, or provide carpooling with various adult volunteers and students in association with Robotics Meetings, Work Sessions, Robotics Demonstrations, Robotics Training, and Robotics Competition events. I am further aware that this may be done on short notice.

I understand that communication will be via multiple electronic platforms and systems and will report to the Executive Board immediately any inappropriate child to child or adult to child communication as I may become aware of them.

I understand that I may receive food items and beverages and simple first aid as supplied by the team and others. It will be my responsibility to communicate, identify, and take appropriate precautions and actions with any associated food/beverage/medicine allergies.

In the event I am injured or suffer harm in any of the activities or actions outlined here, I agree to hold the property owner, facilities owner, vehicle driver, robot operator, the CRHS Robotics Booster Club members, mentors, and their families harmless of any consequential damage claims, and waive any legal action against them.

Signed (Adult 1): _____ Date: _____ (Both parents sign)

Signed (Adult 2): _____ Date: _____

Signed (Adult 3): _____ Date: _____