

CRHS CRYPTONITE ROBOTICS
MEMBER APPLICATION 2011-2012

Turn your application in to Mr. Fish in room 2219 by September 14th

Name: _____

Grade: _____ Home phone: _____

Cell phone: _____ E-mail: _____

Parent's names: _____

Parent's e-mails: _____

How did you hear about Robotics?

Fish Camp A friend Announcements Roundup A sibling
Mr. Fish Bulletin Board Website Other: _____

What other activities are you a part of at Cinco Ranch?

PARENTS:

Do you give your permission for your child to be filmed and/or photographed for presentational purposes? YES NO

Are you willing to allow your child to (circle each that applies, X out those that don't):

Drive other students Ride with other students Ride with a parent

Are you interested in mentoring the Robotics team in any way possible?

YES NO

Are you interested in joining the Cinco Ranch Robotics Booster Club to support CRytonite?

YES NO

Please write any health concerns (allergies, medications, conditions, etc.)

Parent signature: _____ Date: _____

Student signature: _____ Date: _____

Below are the available teams and positions

Drivetrain- Works to make the robot move places as efficiently as possible, depending on the game each year.

Manipulation- Develops devices for the robot that interact with the game pieces.

Electronics- Wires the robot to work properly.

Programming- Use Labview for coding the robot to run properly. Responsible for autonomous and remote controlled modes of play. Utilize sensors to effectively play the game.

Pneumatics- Deals with the pneumatic pistons, compressors, and related air systems that move components of the robot.

Safety- Deals with ensuring proper working conditions. Responsible for maintaining safety binder and records.

Media/Publicity- Takes pictures and videos to be displayed on our website or elsewhere. Aids in creating flyers, posters, and info sheets for the team. Posts flyers, contacts newspapers and VIPs in the community in order to increase the brand name of CRYptonite Robotics and FIRST.

Animation- Responsible for drawing and designing two animations, one related to the 2011 "FIRST" game and the other to the safety theme. Any knowledge of Auto CAD or 3-D studio Max, previous course in animation, or current enrollment in an animation class is a plus.

Website- Builds and maintains a website designed to showcase the team, provide important information, and promote communication among team members.

Community Service- Coordinates outreach programs to help further FIRST's goal of inspiring and recognizing science and technology

Outreach- Communicates with other FIRST teams. Helps organize Lego League Jr. High Teams and demonstrations in the community.

Fundraising- Helps identify creative solutions for generating funds and recurring income for the team's financial stability.

Fields of Interest

Please circle all of the build teams that interest you and star your top choice:

(Choices are only a preference. They are not binding, permanent, or guaranteed.)

Drivetrain Manipulation Electronics

Pneumatics Programming Safety

Note: all team members will be asked to help in areas outside of the position they are assigned.

Please circle all of the PR team that interests you and star your top choice.

(Choices are only a preference. They are not binding, permanent, or guaranteed.)

Media/Publicity Animation Website

Community Service Outreach Fundraising

Note: all team members will be asked to help in areas outside of the position they are assigned.