

FRC Team #6390 Hephaestus

North Surrey Secondary School Robotics Team

Issue 1, Feb. 2017



HEPHAESTUS
ROBOTICS TEAM
— FRC #6390 —

Introducing our Team

We are team *Hephaestus* (*he-fest-us* - the Greek god of technology) and we are from **North Surrey Secondary School**, SD 36 in Surrey, British Columbia. Our team is starting out from scratch with very humble means. Without the community sponsors it would be impossible for our young team to compete in the Western Canadian *FIRST* Robotics Challenge in Calgary, Alberta.

Currently, Team *Hephaestus* consists of thirty-five members, across all grade levels, and our membership reflects the cultural diversity of our student population. One third of our team members are female.

We meet Tuesdays and Thursdays after school (Sept.-Dec. & March-June) and everyday January/February during our critical Build Season when we design and build the robot for the competition.

What is *FIRST* Robotics

FIRST (For Inspiration and Recognition of Science and Technology)

FIRST is an international organization with teams in over 30 countries.

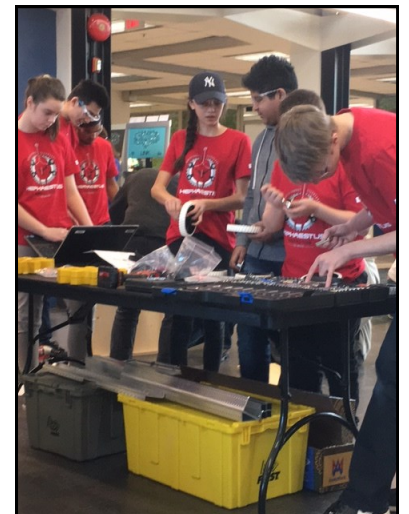
FIRST strives to inspire students to enter careers in fields such as science, technology, engineering, and math.

FRC teams are challenged to design, build and program a robot in a six week period. Working alongside professional engineers and other community mentors, students learn valuable technical and interpersonal skills, in a hands-on team environment. Students also have the opportunity to become involved in other aspects of the team, such as media, marketing, and fundraising.

<https://www.youtube.com/watch?v=i1QyM9WTF18>



Thank you to Ms. Ng for helping our marketing team design our team logo.



Our Mentors

Lead Technical Coach/Mentor

Mr. Scott Smith

Lead Administrative Coach/ Mentor

Mrs. Julie Occleshaw

Design & Construction Mentor

Mr. John Pinto

Build Team Mentor

Mr. Richard Smith

**We will be competing at the Western Canadian Regional
FIRST Robotics Completion in Calgary, Alberta**

April 5-9th, 2017.

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The 2017 Steamworks Competition

Use the link below to view the official game animation for the 2017 FIRST Robotics Competition game, FIRST STEAMWORKS. The game was announced Saturday, January 7, 2017 and our team has until February 21st to design, build and complete our robot.

<https://www.youtube.com/watch?v=EMiNmJW7enI>

Our Team Goal for the 2017

In our inaugural year we will participate in the Western Canadian Regional FIRST Robotics competition in Calgary, AB in April 2017. At this competition teams compete with 120-pound robots in this Varsity Sport for the Mind, combining the excitement of sports with the rigors of science and technology. It is our goal to be recognized as one of the premier Rookie teams at the competition and we aim, not to merely compete, but to bring home the Rookie All-Star Award. If successful we may be invited to participate in the World Championships in Houston Texas at the end of April.



Jason and Tony busy building game pieces to test our robot.

FLL Jr. Hephaestus Team



We are excited to be offering a FIRST® LEGO® League Jr team in the spring. Students from Coast Meridian Elementary School will participate in the CREATURE CRAZES challenge. We look forward to sharing our passion for Engineering and Science with them.

<http://www.firstinspires.org/robotics/fljr>

Special Thanks to our Team Sponsors

Agrosy Foundation
Basant Motors
Exell Power Services Ltd.
Microsoft
North Surrey PAC

Please contact us if you are interested in receiving our Sponsorship Package.

Contact Info.

robotics.hephaestus@gmail.com

Or

Mrs. Occleshaw

Occleshaw_j@sureyschools.ca

Please Visit our Website and Follow our progress on Social Media

Website: <http://roboticshephaestus3.wixsite.com/robotics>

YouTube Channel: [robotics.hephaestus](https://www.youtube.com/channel/robotics.hephaestus)