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DATES

TO

REMEMBER:

FEBRUARY 17, 2009

ROBOT HAS TO BE SEALED FOR COMPETITION.

MARCH 13-14, 2009

OUR FIRST ROBOTICS COMPETITION AT CAZ TECH.

MARCH 27-28, 2009

FIRST ROBOTICS COMPETITION AT TROY ATHENS HIGH SCHOOL.

THE START OF CREVOLUTION!



Greetings! Let me introduce to you, Crevolution! We are a new robotics team made up of fine, high school students from all over the Utica Community Schools District. Students are from Stevenson, Eisenhower, Utica, and Henry Ford II High Schools. As part of this team, we also have our wonderful mentors from local businesses, schools, and the community. Together we join hands to bring you the birth of a new legacy!

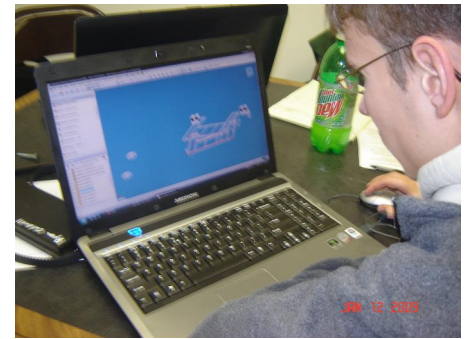
As a new team, we are filled with energy and excitement. Crevolution is a team driven to bring you a creative revolution in science and technology. This year we will be competing in two FIRST Robotics Competitions in Michigan! January 3rd, 2009 was the FIRST Robotics Kick-off. Every team is then given six weeks to work with mentors to design and build a robot. Members will gain hands-on experience in engineering, machining, communications, and marketing. For the past couple of months, every member has been working hard on gathering sponsors for the team. We have been very lucky this year to have received sponsorship from many wonderful people. However, we continue to pursue various types of sponsorships. All sponsorships are greatly appreciated!

Continued on page 2!

THE START OF CREVOLUTION CONTINUED...

Since the kick-off, Crevolution's design team has been working with programs like Inventor, 3D Studio Max, and Labview. These programs will be used to design the team's robot. They will also be working on building a cart for the robot. On the other hand, the marketing team has been working hard on the team's newsletter and essays for the competition. The marketing team will also be responsible for organizing team spirit and applying for awards that FIRST will be giving out.

We have just recently moved to our build site sponsored by Ric-Man Construction. The build site consists of two offices where the marketing team can work and plenty of spacious room for the design and build team to work on the robot. Thanks to all the wonderful people who donated furniture, the build site is furnished. Crevolution promises you that we will work hard and solve any problems that come our way!



WHAT IS FIRST ROBOTICS?

FIRST, which stands for *For Inspiration and Recognition of Science and Technology* is a highly competitive robotics competition. This unique sport designed for high school students worldwide engages students in the intriguing fields of engineering, technology, and research. Participants receive real world experiences working with a broad range of professionals in order to develop a viable and efficient robot.

FIRST is an organization founded in 1989 by inventor Dean Kamen. Starting with just twenty-eight teams in 1992 in a high school gymnasium, the competition since then has increased and expanded throughout the years. Currently, the annual event consists of approximately 1,700 high school teams totaling over 42,000 student across the globe. Although the concept of the sport revolves around constructing a robot, the organization strives at getting people involved in engineering in an exciting and fascinating approach which is why it is so popular among young individuals.

The competition challenges team members to build a robot using standard parts within a six-week time frame while following instructed guidelines. The robot is intended to play a game designed by FIRST, and each year the concept and theme varies which intensifies the sport. Maneuvering through the obstacles, participants learn leadership and the value of teamwork enabling them to develop life skills needed to live a meaningful and successful life.

In addition to building character and gaining hands on experience, FIRST also provides scholarship opportunities to qualify individuals. Students are given the chance to enhance their knowledge of science and technology by pursuing post secondary education. The organization plays a vital part on impacting students with interests in engineering and other related careers. First has come a long way in fostering and inspiring young individuals to attain their dreams and potential.

JAN. 6TH, 2009

"KICKING OFF THE NEW YEAR"

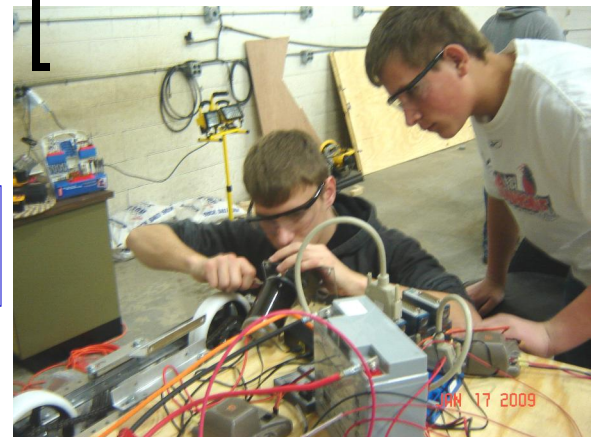
The holidays are over and it's time to get back on the track with Crevolution. Our team leaders went to the Novi-Kickoff on January 3rd to see what Robotics is really about. After Crevolution saw the presentation, everyone was pumped for this year.

Inventory takes action in making sure all robotic parts and tools necessary to build our robot are in check and ready to go. Jarred Versical, SHS junior and vice president of Crevolution, helps Cory Chan, SHS senior and leader of inventory, organize the parts. Many members spend their time working together counting parts. Mr. Gray keeps a close eye on the members checking in and giving advice. He has been a huge help to Crevolution. Crevolution is still working on finding sponsors to help generate the team's money bank. Our mentors from BAE System give Crevolution a big push with helping the students with any questions that we have. The inventory team had a lot of fun working together and getting to know each other.

JAN. 7TH, 2009

"MOVING IN"

Since we started our robotics team, we haven't had a proper area to work on our robot. Even sorting out the robot parts in our school's library was a bit hectic. Lucky for us, our mentors from BAE System found Crevolution a build site close to our school, so it would be easier for us to work. So, the students of Crevolution carpoled to our new build site. Once we got there, it was bare. Not much, but thinking in the long run. This place might become a permanent home for Crevolution. Our building consisted of two office rooms, two bathrooms, and one gigantic garage in the back where Crevolution will work. Mr. Gray presented us with some furnishings for our build site: file cabinets, tables, chairs, and even toilet paper for our bathrooms. It may not seem like much, but it feels like a second home. PR and Marketing got their own room, which is pretty neat. They decided to decorate the walls since they thought it looked too plain. What a lively bunch! The designing team of Crevolution didn't waste anytime and got right down to business. In a matter of minutes, they transformed the bare garage into our building area for our robot. The work station was set up, and they began to build the base of the robot. By the end of our first day, everyone seemed excited for what tomorrow brings. Although our testing week is coming up, everyone on the team will try to be at the build site.



"Everybody has to be able to participate in a future that they want to live for that's what technology can do."

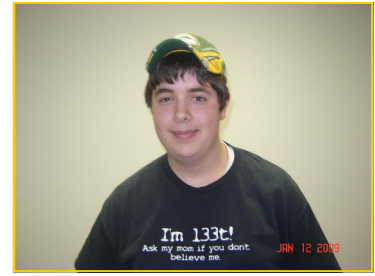
- Dean Kamen

Founder of FIRST Robotics

Special Thanks...

We want to give special thanks to all of our sponsors, mentors, parents and everyone who has helped our team in one way or another. Thank you to our sponsors who have been more than generous with donations of money, supplies, and space to build. Without their support we would not have been able to do anything. We would like to thank our mentors who have given up their precious time to help teach us techniques and skills in machining, engineering, and marketing. We would like to thank the wonderful parents who have been very helpful. Thank you for donating tools and buying us food, making the long days more tolerable. FIRST's vision is *"To transform our culture by creating a world where science and technology are celebrated and where young people dream of becoming science and technology heroes,"* and when you see people who are willing to donate or give their time towards that goal, it really shows them as the outstanding people that they truly are. Crevolution would like to thank all of our sponsors as well as our mentors for making Crevolution come true!

- BAE Systems
- Golden Harvest
- Ric-Man Construction
- The Gathering Place
- Utica Community Schools District
- Superior Electric Co.



INTERVIEW OF THE WEEK: Mike Coyle

How do you like Robotics so far?

Its really fun, I like building the robot, but the most fun is gonna come up when the programming starts.

Why did you join Robotics?

Cause I was on the Lego Robotics Team before and I saw that at our state competi-tion they had the big robots and I have al-ways been intrigued by that.

Do you plan to pursue a career in building robots?

More so programming robots than building them.

What are you looking forward to the most this year?

Umm... probably the actual competition.

How do think Robotics will affect your fu-ture?

I think the experience; the teamwork experi-ence will help out at my future job... hope-fully. And um... I'll learn some stuff on the way that will help me out in the long run.

What career are you pursuing?

Computer programming

If you were to invent your own robot, what robot would you create?

I don't know, I don't have an answer to that question.

Interested in sponsoring Crevolution?

Know anyone who would like to help?

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