

Chairman's Award - Team 2905

Team Number
2905
Team Name, Corporate/University Sponsors
Sultans of Türkiye The Fikret Yuksel Foundation / Siemens / Koton / 3M / Kahve Dunyasi & Darussafaka Educational Institutions
Briefly describe the impact of the <i>FIRST</i> program on team participants with special emphasis on the 2016/2017 year and the preceding two to five years
100% of our alumni attend to college,98% made career in STEM& %87 continued in FIRST as a mentor,volunteer&coach.Team member had chosen as "Volunteer of The Year".Provided us lifelong skills; well communication, empathy&critical thinking. We had a chance to expand our horizons as the inspired leaders of the future. FIRST is the main exigence in our daily lives.We got back much more than we gave.Experienced challenging within the values like Gracious Professionalism and Coopertition.
Describe the impact of the <i>FIRST</i> program on your community with special emphasis on the 2016/2017 year and the preceding two to five years
As the bridge between FIRST and our community, we transmitted impacts of FIRST to the youth and make them believe in their voices. We inspired 350+ kids by running 3 robocamps and Lego Mindstorms workshops. We ran 27+ outreach events and reached 160M people. And consequently 1500+ people started to consider a STEM career, 1200+ kids started to take part in FIRST and STEM. We made 51.368.224 strides to change community and its constant perceptions. FIRST unifies people from different ethnicity.
Team's innovative or creative method to spread the <i>FIRST</i> message
Broadcasted by +7 TV shows&appeared in 20 newspapers,122 digital media&reached 23M people by 75 printed media.Prepared science e-journal&published.A video about our team&impacts of FIRST was broadcasted in subways.Created 24/7 Call Center within the leadership of 3132.Build "Help Wall" for needy people.Placed food&water to 218 points for animals.Send notebook to Cuba.Examined heart w/visually disabled children&printed animal models for them from 3D printer.
Describe examples of how your team members act as role models and inspire other <i>FIRST</i> team members to emulate
Co-organized 2 offseason event in TR w/FYF.Share our award docs.Made team handbook 4 rookies to inspire.Hosted 3 kickoff&held +8 workshops.Organized 3 robocamps to encourage our community.Volunteer at STEM&nonSTEM events.Start CreoLAB&STEMClub&hosted +7000 people for STEM actvs. at school.Co-worked w/12 teams.Covered 42 students' academic&leucemian kids' health exps.We transformed the culture to build a character.We made a sustained impact.We r the change we wish to c in world.
Describe the team's initiatives to help start or form other FRC teams
We opened stand in MakerFaire&started Team 6232.Ran 3 Robocamps&invited 14 different schools&350+ student to inform more student about STEM.Hosted 35 students from Diyarbak?r during the 3rd robocamp. Held 9 workshops in Kickoff Events.We r in contact with schools to start 11 new FRC teams.We have established team 3390 and 3646.We are taking major role to start a regional in TR by co-organizing 2 off-season events&increasing the number of FRC teams.
Describe the team's initiatives to help start or form other <i>FIRST</i> teams (including Jr.FLL, FLL, & FTC)
We've been volunteer at MakerLab for 3 yrs&started an FLL team.Searched the process of FTC &planned the budget to start FTC for the 1st time in Turkey. Now, we are looking for sponsors to start the 1st FTC team in Turkey.We are in contact w/17 schools to start 22 new FIRST teams. We started 8, are mentoring 12&assisted 4 FLLteams.
Describe the team's initiatives on assisting other <i>FIRST</i> teams (including Jr.FLL, FLL, FTC, & FRC) with progressing through the <i>FIRST</i> program
We shared our award docs& prepared a team handbook& a mobile app to guide rookie teams.We also assist other teams about the general procedure,award sub.&technical materials.Our team members&alumni work as volunteers&help

other teams at FLL&FRC Tournaments in both Turkey&USA. We make video conference for the teams in upstate.Answering questions via Call Center & Whatsapp & Skype. We published our LabVIEW code.Hosting teams in our workplace.

Describe how your team works with other *FIRST* teams to serve as mentors to younger or less experienced *FIRST* teams (includes Jr.FLL, FLL, FTC, & FRC teams)

We came together with rookie teams in different organizations&Kickoff events to inform them about general procedure,award sub.&strategies.Gave technical materials to teams.Constituted skype calls with international teams such as 2531,2834&7/24 Call Center w/ 10 FRC teams to answer the questions during the build season.We are mentoring 2Jr.FLL,3 FLL&7FRC teams.

Describe your Corporate/University Sponsors

• Fikret Yüksel Foundation • Siemens • Koton • 3M • Kahve Dunyas? • Gunduz Hediyeelik E?ya

Describe the strength of your partnership with your sponsors with special emphasis on the 2016/2017 year and the preceding two to five years

We've sustainable&strong partnership w/our sponsors based on win-win principle.Fikret Yuksel Foun.&Siemens r our major sponsors. Siemens raises us as engineers of future&gives an opportunity to work in Siemens when we graduate.FYF started FRC in TR with 2905&our family is growing gradually.The years we spend working,bring us together in more ways than anybody expects.In 2018,there will be regional in TR with efforts of us&FYF,For them how we win or lose is more important that we win or lose.

Describe how your team would explain what *FIRST* is to someone who has never heard of it

FIRST teaches everyone how to imagine&think without limits&believe in your dreams.FIRST helps us w/creating a community full of self confident&fearless role models of the future.Provides everyone the courage&inspiration they need to make a difference&take a step further. FIRST is the most powerful torch that can lighten up our tomorrows. FIRST is life stage where kids can get back much more than they give. Kids discover&experience the future."It's easy to get started, and impossible to stop!"

Briefly describe other matters of interest to the *FIRST* judges, if any

Unfortunately, there aren't enough opportunities to take part in STEM in Turkey. There hasn't an official science institution even yet. Conversely, we attempted to start 1st Turkish FTC team. For this, we are in contact with many companies for sponsorship. We are the only team that ran events which contains 4 level of FIRST in Turkey.

Team Captain/Student Representative that has double-checked this submission.

Sinem Kayan

Essay

"To be the change we wish to see in the world."

8 years ago,Susan Burchard came up with a dream. She imagined a Turkey of collaboration between the community&FRC.

Involving more Turkish youth into STEM Education,giving them the taste&enthusiasm of robotics&instilling the FIRST Core Values to society were the dreams of Fikret Yuksel.With this ideal in mind,Susan Burchard decided to start the first Turkish FRC team,Sultans of Turkiye in 2009 in the memory of her father,Fikret Yuksel.Now she is the head of Fikret Yuksel Foundation where the aim is to improve education for Turkish students primarily through getting them involved in the FRC.

2905 is the 1st Turkish FRC team and aware of the significant responsibilities that this brings with it.In our early years we had to create out of nothing thus first mission was incorporating the fundamental notions of FRC that Turkey has never heard before such as Gracious Professionalism&Coopertition.Besides these notions,we aim to touch people's lives&inspire society to be well-rounded individuals.After fulfilling our mission of reaching 44 FRC teams,we ran events to start an FRC Regional

"To be a voice,not an echo."

FIRST has helped us to discover our potential&inspire our ambitions.Every 2905 member gains life-long skills such as design,critical thinking,time and stress management.Our team consists of 11 girls&6 boys,our girl members of mechanics team say that they are proud of being a part of the building team.

As a member of an FRC team,we can express ourselves to people in positions of power&make presentations large audiences because we believe in our voices.The most significant benefit we have gained from FIRST is the feeling of being a part of the change that will build a well-rounded community.

FIRST allows us to not only gain technical skills but to develop soft skills, it makes us conscious individuals of the community. Through this perspective, every member of team 2905 has participated in social responsibility projects because we know, the world in our dreams can only be built by a regenerated community.

"For bringing the winter that is as warm as their heart."

To help underprivileged people in need on cold winter days, we worked with the Istanbul Municipality to build a "Help Wall" which includes every type of garment that people need. Everyone is able to take whatever they need from the drawers of the "Help Wall". Through this project, we have been able to reach many people, have served them a warm winter and shown others the importance of consciousness to community. We also haven't forgotten our animal friends, we regularly collect food from our schools' cafeteria and send them to animal shelters. Within Istanbul Youth Platform that organizes social responsibility projects, we placed food and water at 218 different locations for animals all around the country.

"To see the smile on their faces."

We help schools in eastern Turkey that don't have enough supplies, by providing them with clothes, books and other necessities.

We learned that Cuban schools use the same materials every year because of poverty. We sent school materials to those students to help them in their academic life. In return, a smile on their face was enough for us. Some of our members worked with companies such as Kahve Dunyasi and Teknosa, to draw on their products and donate the income to many different foundations in need.

"To be the stairs that lead to their dreams."

We learned from FIRST that there should be no limit on our path to our goals. To this end, we have supplied science lab equipment to visually disabled children by printing animal models from 3D Printer, and made scientific experiments such as examining heart's structure. We are volunteers for LOSEV, a nongovernmental organization for kids with leukemia. Every cured child and every smile on a mother's face is a result of our joining forces. We even ran at 38th Istanbul Marathon in support of LOSEV. In this way we were able to cover to cover 42 students' academic expenses and medical for LOSEV. We believe that being handicapped is no obstacle to living a full life, to take part in STEM, to be able to contribute to society, to be the change.

"To be the locomotive of the train."

FIRST showed us the difference between management and leadership. We try to illuminate others with the leadership of our dreams and to be a role model for every person towards making their own path.

2905 has been sharing award documents, safety manuals and published a team handbook that includes the procedure about pre-season, build season and off-season on our website: www.team2905.com

We prepared a monthly science magazine and published it on our website as well as distributed it to various locations free of charge. It includes scientific improvements, simple experiments for kids, other FRC teams' comments about 6 weeks process and our school projects. This study shows us the magic of science and technology by letting us do by ourselves.

We ran 2 kickoffs and hosted first official kickoff in 2016. At these events, we gave over 9 workshops to inform the rookie teams because we know that FIRST is not about machines, it is about experiences that we gain together while we are working, while we are sharing and while we are growing. We have worked as volunteers at the 2016 South Florida Regional, FLL tournaments and science centers in various cities.

"To get bigger day by day."

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In 2015 there were 6 Turkish FRC teams, we cooperated with the Fikret Yuksel Foundation to increase that number and to start a regional. In all events we participate, we try to inform society about FRC and encourage the youth to get involved in FRC. We assisted of lead mentor in running the 2015 and 2016 Turkish Off-Season event. Our alumni took major roles at these events. Now there are 44 FRC teams in Turkey. We created an opportunity to start a regional and are still involved with all organizations for regional events in Turkey.

Every step taken, every workshop given, every event organized is a unique opportunity to raise the youth as FIRST members. We have established 3 FRC, 4 FLL, 4 Jr. FLL. Furthermore our alumni established 3646. As being the locomotive of the FRC train in Turkey, we strive to maintain teams' help others to have faith in themselves. We are currently mentoring 1 Jr. FLL, 3 FLL, 8 FRC teams. To date we have assisted 12 FRC and 4 FLL teams.

We are trying to find substantial sponsors in order to start an FTC team in Turkey for the first time. We are planning to start 8 Jr. FLL teams and gathering resources for 2 FLL teams. We are in contact with many schools and attempting to help them start their own FRC programs.

"To use our torch to spark new flames"

2905 has achieved a lot by lighting up other's world. We've been spreading the ideals of FIRST to gain more fuel for our journey; transforming the culture and creating a STEM storm firstly all over the Turkey then the whole world. We have organized the 1st 3D Printing Competition to include Creo lessons in Turkey. We have run 3 Robocamps for students to encourage them to be a part of this universal revolution. One of the Robocamps is for elementary school located in Diyarbakir which is an underdeveloped city that is under the constant threat of terrorism. Despite the lack of education and resources in the region, we believe wholeheartedly in the enthusiasm and potential the students have and continue to show in FIRST and STEM. We are in cooperation with Intel and planning to create a platform where 5000+ students will

participate. We will publish documents, videos & open source projects that will help those students in order to learn Arduino, other STEM education programs & form their own projects.

Moreover, we have started CreoLAB, STEM Club & Samsung LAB at our school with the sponsorship of Samsung & Siemens. These achievements provide equal opportunity in education. To enhance our own knowledge and experience we have carried out 23 projects with Intel to find universal solutions to daily problems and have participated in an Innovation Faire with more than 34,000 attendees, demonstrated our robot & reached prestigious companies & potential schools to start an FRC team.

"To go beyond borders and reach the world."

We have planned worldwide community outreach events that will unify different groups of people to find universal solutions to issues arising from FRC through our "FRC Help Now" program; within the leadership of Team 3132 and with 6 FRC teams from all around the globe. Our primary aim is to answer any and all questions teams may have concerning the implementation of FRC programs. It is based on an e-mail platform, all teams have their own shifts & they log in the e-mail one by one. Thus the platform is available 24/7. We have presented in 2nd International Children as Researchers Conference in which 17 schools from 4 nations participated. We have introduced FIRST in Erasmus+ Project by presenting in Poland which 7 schools from 6 nations participated in. We have made a robot show & a brief explanation about FIRST & our team to Earl of Wessex in order to encourage more FIRST teams in UK.

"To touch as many lives as possible."

2905 believes that we should reach every single individual in Turkey. Due to our practical thinking, we have discovered a quick & efficient way to inform people. We made a video & broadcasted it in subways reaching 982,807 passengers in a day. We have made robot shows twice in the breaks of basketball matches. We opened stands in shopping malls, Maker Faire, TEF & made a robot show at Sci-All Faire. With these events and projects we have shown the inner face of robotics & what it means to us. 2905 has specific part in the media; we were featured in 7 different TV shows, we appeared in 20 newspapers and 122 digital media outlets.

"To be a bond."

As the bridge between FIRST & our community, we strive to engage the community in order to transform the culture of collaboration between FIRST & society. All of the events impacted different groups of people, make them as a part of STEM, FIRST.

"To not let the world change our motivation, let our inspiration change the world."