

# Sponsor Packet

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**TERMINATORS ROBOTICS TEAM 6839**

**Get in touch with Terminators!**



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[www.teamterminators.org](http://www.teamterminators.org)



# Team Contact

## Information

**For every question or clarification, do not hesitate to communicate with our team, using one of the following contact ways:**

### **Terminators Robotics Team 6839**

Website: [www.teamterminators.org](http://www.teamterminators.org)

Email: [info@teamterminators.org](mailto:info@teamterminators.org)

### **1st High School of Karditsa**

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Email: [1lykard@sch.gr](mailto:1lykard@sch.gr)

### **Teachers – Mentors**

#### **Tsiountou Anastasia**

French Language Teacher (MSc)

Headmistress of 1st High School of Karditsa

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#### **Kassos Leonidas**

Physics Teacher, Radioelectologist (MSc)

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#### **Kouzas Dimitrios**

Geology and Computer Science Teacher (MSc)

Email: [dkouzas@gmail.com](mailto:dkouzas@gmail.com)

#### **Gatsis Aristeidis**

Physics Teacher

Email: [arisgatsis@gmail.com](mailto:arisgatsis@gmail.com)

### **Team Member Contacts**

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Email: [evankassos1607@gmail.com](mailto:evankassos1607@gmail.com)

**Karabina Dimitra** (10th Grader) – +306947325440

Email: [dimitra.karabina02@gmail.com](mailto:dimitra.karabina02@gmail.com)





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Dear Sir or Madam,

**Terminators Robotics Team 6839** was founded by students from the 1st High School of Karditsa during the previous school year (2016 - 2017), with the intention of covering that gap that existed regarding students' participation in activities related to educational robotics and STEM in general. During the previous season, our team took part in the educational robotics competition "FIRST LEGO League (FLL)" which was crowned with success, ranking 9th in the Robot Game. Furthermore, we received nominations for several awards, such as Team Spirit, Coopertition, Gracious Professionalism in Core Values, Problem Identification, Problem Analysis, Team Solution, Innovation, Sharing and Creativity in Project and Mission Strategy, Programming Quality, Programming Efficiency, Automation/Navigation, Mechanization and Mechanical Efficiency in Robot Design.

Terminators Robotics competes as part of the FIRST Robotics Competition. **FIRST** (For Inspiration and Recognition of Science and Technology) was founded in 1992 by Dean Kamen, inventor of the Segway. The mission of FIRST is to inspire young people to be science and technology leaders, by engaging them in exciting Mentor-based programs that build science, engineering, and technology skills, that inspire innovation, and that foster well-rounded life capabilities including self-confidence, communication, and leadership.

In FRC, students have 6 weeks to design, build and improve a robot. This short time period flies by so quickly with so many tasks to be done. The process of going from a kit of parts and a blank sheet of paper to a completed robot participating in competitions is long and stressful, yet the benefits from FRC go far beyond just a robot. FRC gives students exposure to engineering, technical design, business management, marketing and many more skills that can be used throughout their lives.

One of the most effective ways of supporting our team, is by sponsoring. Robots are expensive. There is a significant cost for every aspect of the competition, including the participation, the tools, the safety supplies, the registration fee, the team's transport and products (T-Shirts etc.). In return, our team offers many perks to all the sponsors. For instance, we place ads on the robot, on our uniforms, and on our website. These perks are all based on the sum of money you donate to our team. Any contributions in kind, any discounts on products correlated to the robot (Tools, parts etc.) or staff of your company that are willing to volunteer as mentors will be appreciated.

Any support offered will help and enrich Terminators' ability to teach students about the new opportunities available in the fields of science, technology, engineering and mathematics and prepare them for futures in these fields. Your investment in Terminators is truly an investment in your future.

Please do not hesitate to contact us. Thank you for your interest in Terminators Robotics Team 6839. We look forward to hearing from you.

Sincerely Yours,

The Team Terminators Mentors,

**Tsiountou Anastasia**, French Language Teacher (MSc), Headmistress of 1st High School of Karditsa

**Kassos Leonidas**, Physics Teacher, Radioelectologist (MSc)

**Kouzas Dimitrios**, Geology and Computer Science Teacher (MSc)

**Gatsis Aristeidis**, Physics Teacher

# Meet Our Team!

**Terminators were the first team from the city of Karditsa to ever participate in a FIRST competition. This year our team aims to get even higher.**



## **Team Terminators, after a very successful season, are stepping up the game.**

After several nominations for awards, the excellent performance in the robotics and successful results of their environmental project, Terminators returned with renewed enthusiasm and more passion for work, ready for a bigger challenge. Consisting of **15 high school students** and guided by **5 professional mentors**, they are now competing at the FIRST Robotics Competition (FRC).

Nonetheless, Team Terminators has a lot of previous experience that will help them in its endeavor. The team has experience from FIRST Lego League (FLL) and the LEGO Mindstorms Software, which is based on the LabVIEW environment. Therefore, Terminators has knowledge of graphical programming and will easily adapt to the new programming language it has chosen, namely LabVIEW. What is more, our team has competed at a FIRST Competition and surpassed everyone's expectations as a newly-formed team.

### **PREVIOUS EXPERIENCE**

During the previous school year (2016-2017) our team participated in the FIRST LEGO League (FLL) competition in Thessaloniki, organized by eduACT. Although Terminators participated for the first time in a competition as a team, our team was crowned with great success at the National Finals, ranking 9th in the Robot Game. At the same time, our team was nominated for plentiful awards, such as Teamwork, Team Spirit, Cooperation, Gracious Professionalism in Core Values, Problem Identification, Problem Analysis, Team Solution, Innovation, Sharing and Creativity in Project and Mission Strategy, Programming Quality, Programming Efficiency, Automation/Navigation, Mechanization and Mechanical Efficiency in Robot Design.

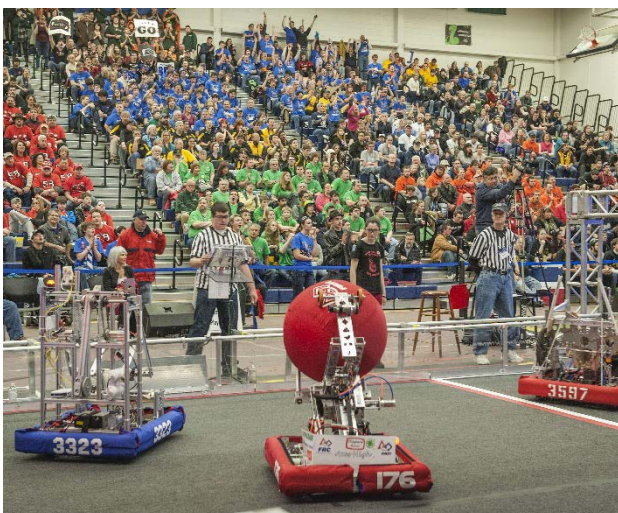
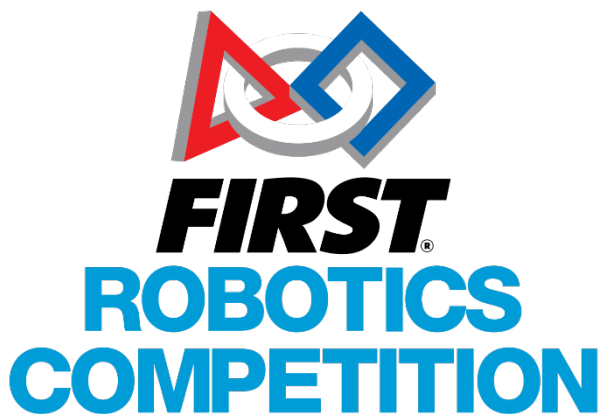
It is also worth noting that the team had no financial aid and was the only team in the National Finals that used LEGO Mindstorms NXT and not EV3. Team Terminators borrowed that incomplete kit from the local Directorate of Education, as neither the school nor the students could afford to buy the expensive EV3 robot kit.

Nonetheless, our team received personal congratulations from the Chairman of the Committee on the Environment of the Hellenic Parliament and ARCHELON for its project entitled "Program for the Eradication of Plastic Bags and the Protection of Marine Life". (The Project is available in Greek at: [tinyurl.com/projectFLL](http://tinyurl.com/projectFLL)).



# About the Competition

**FIRST Robotics Competition: Combining the excitement of sport with the rigors of science and technology.**



## The Ultimate Sport for the Mind

We call FIRST Robotics Competition the ultimate Sport for the Mind. High-school student participants call it “the hardest fun you’ll ever have.” It is as close to real-world engineering as a student can get. Volunteer professional mentors lend their time and talents to guide each team. Each season ends with an exciting FIRST Championship.

### OBJECTIVE

Under strict rules, limited resources, and an intense six-week time limit, teams of students are challenged to raise funds, design a team “brand,” hone teamwork skills, and build and program industrial-size robots to play a difficult field game against like-minded competitors. The robot “game” changes every season and is always exciting.

### IMPACT

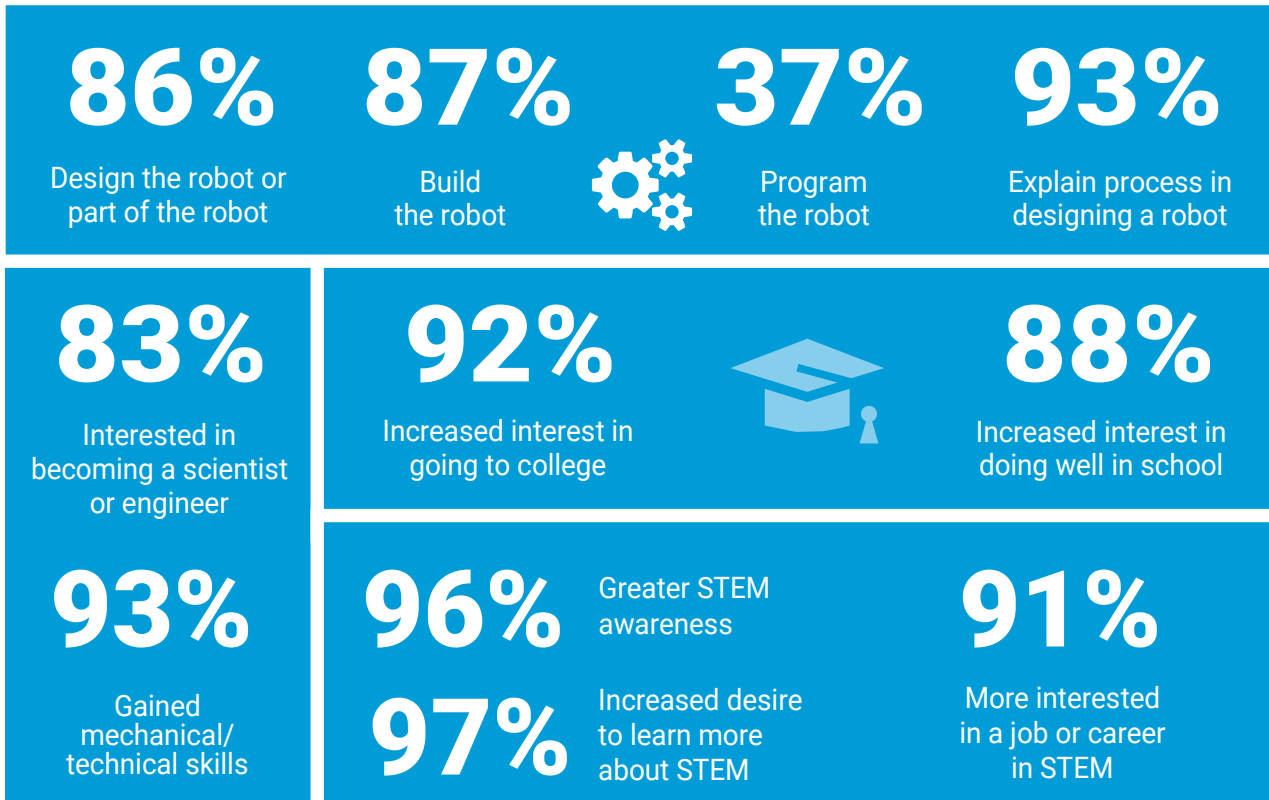
All *FIRST* Robotics Competition teams get to learn from professional engineers, master STEM skills, learn and use sophisticated software, hardware, and power tools, build and compete with a robot of their own design, improve teamwork, interpersonal, and communication skills, compete and cooperate in alliances and tournaments, understand and practice Gracious Professionalism™, earn a place at the *FIRST* Championship and qualify for millions of dollars in college scholarships.

FIRST redefines “winning” by rewarding teams for achievements not necessarily gained on the field of play – excellence in design, demonstrated team spirit, Gracious Professionalism®, and the ability to overcome obstacles are all recognized with awards. Winning is always secondary to the quality of the overall experience.

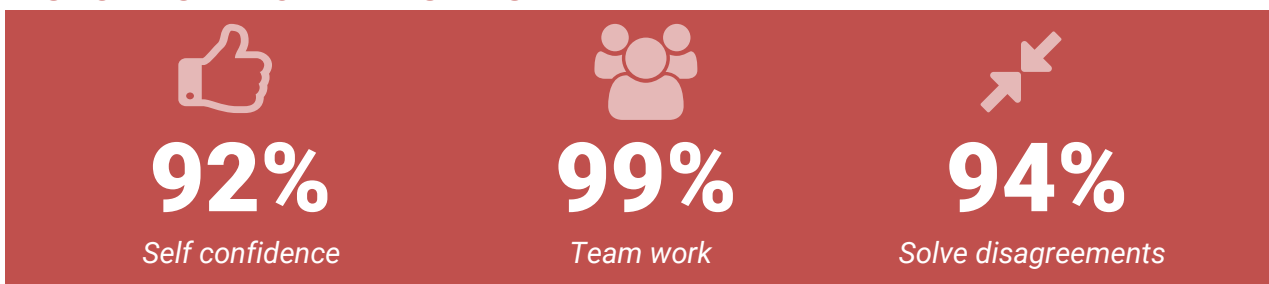
# FIRST and FRC Impact

The majority of FIRST Robotics Competition participants participate in key STEM activities on the team and experience gains in a number of outcomes, for example:

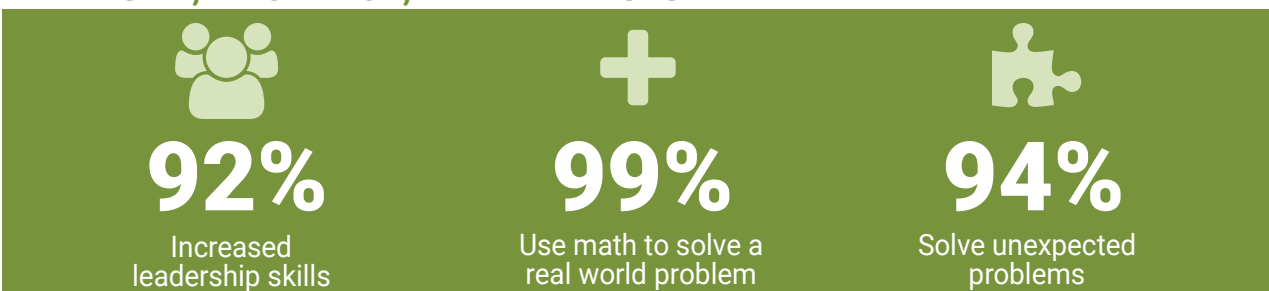
## STEM AWARENESS, SKILLS, INTENT



## 21ST CENTURY WORK-LIFE SKILLS



## LEADERSHIP, INNOVATION, ENTREPRENEURSHIP



Source: Cross Program Evaluation of the FIRST® Tech Challenge and FIRST® Robotics Competition (2011). Center for Youth and Communities, The Heller School for Social Policy and Management, Brandeis University

# Competition Schedule

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## KICK-OFF (Saturday, January 6, 2018)



**TIME:**  
11:00 – 20:00 (GMT+2)



**PLACE:**  
Worldwide



Kick-off denotes the start of the designing and building season. Teams have the chance to meet at "local" kick-offs to compare notes, share ideas, make friends, find guiding teams, learn the game, take the Kick-off Kit and the Kick of Parts home and prepare for an exciting season of FRC. Next, the team will have the chance to prepare for the rigors of the competition in a really short period of only six weeks, before traveling to the Regional competition it has registered for.

## STOP BUILD DAY (Wednesday, February 21, 2018)



**TIME:**  
07:00 am (GMT +2)



**ΤΟΠΟΘΕΣΙΑ:**  
Worldwide



During Stop Build Day, all teams must stop working, pack and tag their robot for the season of FIRST Robotics Competition 2018.

After Stop Build Day teams will have the chance to show their robots to sponsors and supporters. The next and most crucial part of the competition is competing at Regionals. Terminators will participate in **New York Tech Valley Regional**.



# New York Tech Valley Regional

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**Team Terminators will take part in the regional competition “New York city Regional,” which will take place in Troy, a town in New York state from 14 to 17 March 2018.**

Troy is located in the West side of the county Rensselaer and in the east coast of the Hudson River. In particular, the competition will take place in the Rensselaer Polytechnic Institute. More precisely, the competition will take place in the athletics facilities of the Institute, in the stadium ECAV which has capacity 1.200 seats.



## Rensselaer Institute

Rensselaer is the oldest private university which was founded in the United States, as its establishment happened 193 years ago, in 1824. As of 2017, Rensselaer's faculty and alumni include six members of the National Inventors Hall of Fame, six National Medal of Technology winners, five National Medal of Science winners, eight Fulbright Scholarship recipients, and a Nobel Prize winner in Physics.

## REGIONAL COMPETITION SCHEDULE

New York Tech Valley Regional, as well as the rest of FRC regional competitions which take place in the United States and in other countries are full of entertainment and action. More particularly they include:

- Qualification and Playoff matches
- Technological activities and workshops
- Discussions about scholarships
- Social time to meet other teams
- Opening and Closing Ceremonies with prestigious speakers and a lot more!



# Why be a sponsor?

**Knowledge, interest and willingness are not enough for the achievement of Team Terminators mission.**

Team Terminators is looking forward to participating in the FIRST Robotics Competition. The team is comprised of members that are dedicated to achieving this goal, cooperative and capable to contribute in the success and completion of the mission. However, knowledge, interest and willingness are not enough for the achievement of Team Terminators mission.

The budget required for our team's participation is not possible to be covered by the members. Therefore, sponsorships are the key for our team's success. The sponsors are asked to fund either a part of the program, or the whole process of participation in the competition. More specifically:

- Terminators need equipment for the construction and the programming of the robot as well. Tools, and additional components are necessary.
- The team must travel to New York, USA and specifically in the NY State's town Troy. This transatlantic travel as well as the team's transport to/from the airports and the hotel as well, must be supported by financially.

## 6 reasons to fund our team

1

### Forefront

It is the first time that a Greek team aims to compete in a competition of such competitiveness and STEM knowledge level requirement.

2

### Previous Experience

The team has already participated in competitions of educational robotics in Greece, winning many awards.

3

### Innovation

The FRC competition is the "Ultimate Sport for the Mind" and gets students as close to the real-life engineering as possible.

4

### Participation

Our team has the potential to compete next to top teams in the disciplines of science and technology.

5

### Investment in Future

Terminators are a team with consistency, which will continue to initiate students in the world of science and technology with continuity in time.

6

### Growth Opportunities

With your sponsorship, Terminators will have the opportunity to offer the students of the provincial town of Karditsa, state-of-the-art programs for students' growth and education.

## SPONSOR'S BENEFITS

Assigning the assignment to our team would be highly valued, regardless of the sponsorship level. Please remember that sponsoring such events is nothing but an **investment for the future**. However, your money is certainly not wasted, as our team offers the following benefits to its sponsors and supporters:



### Continual advertising of your business

The team's products, such as robots and t-shirt, will feature your company logo and brand name, according to the level of your sponsorship.



### Presence Consolidation on social media

At the same time, group videos, social media posts (Facebook, Instagram, Twitter, and website) will also feature your logo or brand name.



### Advertisement as an Innovative Company

The promotion of your business will enhance its financial growth and its emergence as an enterprise that strengthens and believes in student innovative initiatives and invests in people who will take the lead of the future.





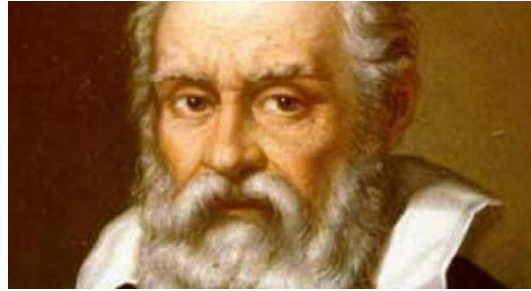
# Sponsorship Levels



## ARCHIMEDES

- Robot: Text line with the name of your company on the robot
- Shout-out of your company on our social medias (Facebook, Twitter, Instagram) and on our website
- Memorabilia: Personal "thank you" letter from our team

**\$25-\$100**



## GALILEO

- Robot: Text line with the name of your company on the robot
- Team T-shirts: Text line with the name of your company (worn at events and tournaments)
- Logo and hyperlink link of your company's website in our sponsors page
- Shout-out of your company on our social medias (Facebook, Twitter, Instagram) and on our website
- Memorabilia: Personal "thank you" letter from our team and Team Terminators T-shirt

**\$100-\$500**

**For every sponsorship level Team Terminators is offering advertisement and exposure of your company, by mentioning your business name in each of the team's press releases. Team Terminators will also endeavor to promote the team activities and its sponsors in local, national and worldwide mass media.**



### **CURIE**

- Robot: Logo at the size of a business card of your company on the robot
- Team T-shirts: Logo at the size of a business card of your company on the back of our team's T-Shirts (worn at events and tournaments)
- Logo and hyperlink link of your company's website in our sponsors page
- Shout-out of your company on our social medias (Facebook, Twitter, Instagram) and on our website
- Memorabilia: Personal "thank you" letter from our team and Team Terminators T-shirt

**\$500-\$1000**



### **NEWTON**

- Small-sized logo of your company on the robot.
- Small-sized logo of your company on the team's banner (displayed at all ceremonies and tournaments)
- Team T-shirts: Small-sized logo of your company on the back of our team's T-Shirts (worn at events and tournaments)
- Logo and hyperlink link of your company's website in our sponsors page
- Shout-out of your company on our social medias (Facebook, Twitter, Instagram) and on our website
- Memorabilia: Thank-you plaque with a team photo and Team Terminators T-shirt

**\$1000-\$2000**

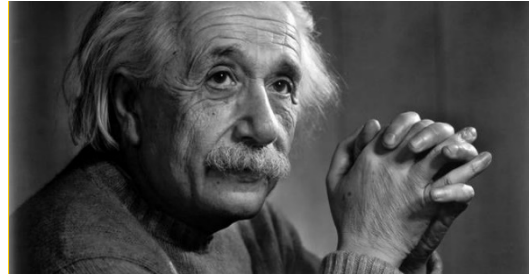
**All team sponsors and supporters will receive an invitation to attend the Team Terminators End-of-Season Celebration Event at the end of the school year, where they will all be thanked for individually.**



## **TESLA**

- Normal-sized logo of your company on the robot.
- Normal-sized logo of your company on the team's banner (displayed at all ceremonies and tournaments)
- Normal-sized logo of your company on the back of our team's T-Shirts (worn during all events and tournaments)
- Logo and hyperlink link of your company's website in our sponsors page
- Shout-out of your company on our social medias (Facebook, Twitter, Instagram) and on our website
- Memorabilia: Thank-you plaque with a team photo and Team Terminators T-shirt

**\$2000-\$5000**



## **EINSTEIN**

- During the tournament you will be mentioned as the "Chief Sponsor" (Your company's name will be announced together with our team's name)
- 2 tickets to New York Tech Valley Regional and a VIP Pass to the celebrating ceremony
- Your company's name will be mentioned as the "Chief Sponsor" on all our team's press releases
- Large-sized logo of your company on our robot
- Large-sized logo of your company on our team's banner (Used during all vents and tournaments)
- Large-sized logo on our team's t-shirts (worn during all events and tournaments)
- Logo and hyperlink link of your company's website in our sponsors page
- Shout-out of your company on our social medias (Facebook, Twitter, Instagram) and on our website
- Memorabilia: Thank-you plaque with a team photo signed by all team members and Team Terminators T-shirt

**\$5000+**



# Team Budget

Team Terminators, as a team competing the FIRST Robotics Competition, has a lot of expenses to cover. Below you will find a budget of the expenses and their estimated cost for which the team is requesting financial aid from potential sponsors.

EXPENSES	ESTIMATED COST	COMMENTS
<b>ORGANIZATIONAL EXPENSES</b>		
Registration fees	\$6,000	Costs for enrollment in the competition (applicable to all teams)
<b>TECHNICAL/TECHNOLOGICAL EXPENSES</b>		
Set of extra robot parts	\$5,800	The purchase of robot parts is needed for the team's participation in the competition, besides the Kit of Parts (shipping estimation is included)
Tools	\$1,160	Tools are required to construct the robot and create unique parts
Various accessories and supplies	\$460	Some other components will be needed during construction
Pieces of practice	\$620	Useful for testing and practicing the robot on real data
Robot transport kit	\$240	Necessary for the transfer of the robot to the contest
Robot carrying trolley	\$175	Necessary for carrying the robot during the competition (before and after each race)
CAD design and prototype printing	\$580	The CAD program, is required for the electronic design of the robot before its construction
Safety glasses	\$230	Necessary for the safety of the team members who handle and repair the robot

EXPENSES	ESTIMATED COST	COMMENTS
<b>TRAVELLING EXPENSES</b>		
Group transpotation	\$13,900	Transportation of the team from Karditsa to Athens and from there transfer by air to New York and then to Troy (the cost also includes the return)
Group accommodation	\$11,600	Accommodation of the team in a hotel of the area during the competition
Group diet	\$3,320	Diet of the team during the competition
Robot transportation	\$1,390	The transportation of the robot is very likely to be funded by FIRST
<b>OTHER EXPENSES</b>		
Team uniforms	\$590	It improves the appearance of the group and increases team member's self-confidence and team spirit (includes team mascot)
Pit construction	\$460	The construction of the pit at the event is necessary
Brand names (banner)	\$290	Banner design contributes to advertisement of the team and its sponsors
Give-away objects	\$560	For promotional activities
<b>GRAND TOTAL</b>		
<b>\$47.375</b>		

# THE FACES OF TEAM TERMINATORS



**Vlachou  
Polyxeni**



**Karameri  
Eleftheria - Maria**



**Karabina  
Dimitra**



**Karkaletsou  
Ismini**



**Kassos  
Evangelos**



**Katsaros  
Vaios - Aggelos**



**Kompogianni  
Thomai**



**Balaktsis  
Christos**



**Papageorgiou  
Konstantinos**



**Polyzou  
Iliana - Maria**



**Siskos  
Athanasios**



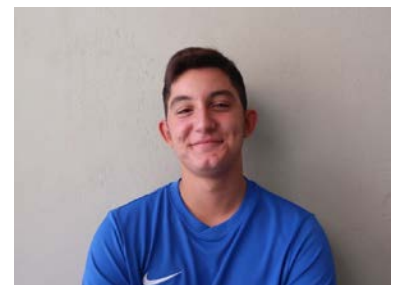
**Syropoulou  
Eirini - Odyssia**



**Tsirogiannis  
Pavlos**



**Fasianou  
Eleni**



**Fotopoulos  
Vaios**





# Thank you for your interest!

**TERMINATORS ROBOTICS TEAM 6839**



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[www.teamterminators.org](http://www.teamterminators.org)