



Athens Renaissance Robotics Team

FIRST® Robotics Competition Team #8733

What We Represent:

The Athens Renaissance Robotics Team (*FIRST*® Robotics Competition Team #8733) is comprised of 9th-12th graders from Athens Renaissance School and Athens High School. *FIRST*® (For Inspiration and Recognition of Science and Technology) is a non-profit organization dedicated to getting students involved in science, technology, engineering, and mathematics. This year, in our inaugural season, our team will design, construct, and program a robot to perform a series of assigned tasks while engaging in outreach activities with the goal of inspiring our community to get excited about engineering.

Through the program, students are able to :

- learn mechanical skills such as metalworking, using power tools, precise measuring, industrial safety procedures, and using pneumatic components;
- learn electrical and programming skills such as soldering, power distribution, using a multimeter, and learning the basics of programming in C++ and Java;
- learn problem-solving and soft skills such as working with others, meeting deadlines, thinking logically and creatively, planning ahead, learning from experts, and persevering in the face of adversity.

Team Organization:

Our students are divided into the subteams of mechanical build, electrical and programming, business and marketing, spirit and imagery, and safety. Each subteam will have a student leader and adult mentor.

Team Impact:

As a rookie team, our members will be developing a plan for engaging with our local community and getting them excited about STEM. Opportunities for our team include setting up robotics demonstrations and workshops, working with students and teams in younger grades and at other schools, and volunteering in the community.



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There are many costs associated with running a *FIRST*® team. Below is a list of specific items for which the team is fundraising money, in addition to other general costs associated with running the team.

Items	Number Needed	Single-Item Cost	Final Cost
Event Registration and Kit of Parts	1	\$6000	\$6000
Robot Materials and Parts	Varies	Varies	Up to \$5000
Computers	4	\$500	\$2000
Team Shirts	3 per member and mentor	~\$10	\$1000
Printing and Signage	Varies	Varies	\$1000
			\$15000

Beyond material costs the team is also in need of mentors that could help in the following areas:

Mentor Needs	Role Description
CAD	Teach students on the team how to CAD
Marketing	Assist with team marketing and creating a team business plan
Travel Logistics	Organize the team travel to regional events
Writing	Assist the marketing and award subteams with team award submissions
Finances	Help team manage funds and assist with fundraising
Programming	Work with students to program the robot for competition
Graphic Design	Create banners, logos, team handouts, and t-shirts for competitions
Public Speaking	Teach the students how to speak in front of potential sponsors and judges
Mechanical	Help the students design and build a robot for competition
Website	Teach students how to build and manage a website



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Sponsorship Benefits:

Level	Amount	Incentives
Bronze	Under \$1000	Your business name and logo will be displayed on our website sponsors' page, our pit display at competitions, and our team shirts.
Silver	\$1000 - \$4999	Your business name and logo will be displayed on our website sponsors' page, our pit display at competitions, our team shirts, demonstrations and presentations throughout the year and your name or logo will be displayed on our competition robot.
Gold	\$5000 or greater	Your business name and logo will be displayed on our website home page, website sponsors' page, our pit display at competitions, demonstrations and presentations throughout the year, our team shirts, and your name or logo will be displayed on our robot. Additionally, your company name will be a part of our official team name as it is read and publicized at competitions.

For more information about the *FIRST*® robotics program visit: firstinspires.org.

The Athens Robotics Team greatly appreciates any donation of funds and/or materials.

- A donation of \$25 could pay for drill bits and nuts and bolts.
- A donation of \$50 could pay for materials for our robot cart.
- A donation of \$75 could pay for aluminum for robot construction.
- A donation of \$100 could pay for a Talon SRX (motor controller).
- A donation of \$150 could pay for paint for our trailer.
- A donation of \$200 could pay for multiple needed power tools.
- A donation of \$300 could pay for a new laptop.
- A donation of \$400 could pay for a new toolbox.
- A donation of \$500 could pay for a new roboRIO (robot control center).

Contact team sponsor Taylor Whisenant (taylor.whisenant@acs-k12.org) for more information.

Thank you for your support!



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Sponsorship Information

Business or Individual Name: _____

Contact Person: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: (_____) _____ Email: _____

Business Website: _____

Please make checks payable to: Athens City Schools

Please give checks to your student contact or mail to:

Athens Renaissance School
ARS Robotics Team
405 South St E
Athens, AL 35611

Thank you for your support!

Student Contact: _____

Amount Donated: \$ _____ Check # _____ Cash _____

Material Donation(s): _____

Your generosity is truly appreciated and will be put to great use!