



# The Greenhills Lawnmowers



850 Greenhills Drive, Ann Arbor, MI 48105  
robotics@greenhillsschool.org

## Fundraising Goals

Our team has identified the need for \$85,250 in annual costs and \$24,700 in capital investments. In past years, we have received funding from our school commensurate with the basic operating expenses of our program and other school sponsored clubs and activities. Recent program growth and capital investments have caused us to exceed our school-allocated budget. To date, we have raised \$54,250 of \$109,950 through our school and by contacting companies.

## How to Donate

You can make a contribution to the Lawnmowers to support our program growth and team goals by sending checks to Greenhills School, with "Greenhills Robotics" in the memo line. All donations to the team will be recognized at the following levels:

## Sponsor Levels

Sponsorship Level	Minimum Donation	Benefits
Diamond	\$10,000+	<ul style="list-style-type: none"> <li>Name and logo on website*, shirt, robot, trailer</li> <li>Name/Business announced at competitions</li> <li>All Platinum benefits</li> </ul>
Platinum	\$5,000+	<ul style="list-style-type: none"> <li>Name and logo on website*, shirt, robot, trailer</li> <li>Demonstration of the robot at your organization (within travel distance)</li> <li>All Emerald benefits</li> </ul>
Emerald	\$2,500+	<ul style="list-style-type: none"> <li>Name and logo on website*, shirt, robot</li> <li>Individualized promotion on all media</li> <li>All Gold benefits</li> </ul>
Gold	\$1,000+	<ul style="list-style-type: none"> <li>Name and logo on website*</li> <li>Company featured in competition display booth</li> <li>Featured on blue alliance page</li> <li>All Silver benefits</li> </ul>
Silver	\$500+	<ul style="list-style-type: none"> <li>Name and logo on website*</li> <li>Promotion on all media (Instagram, Youtube)</li> <li>All Bronze benefits</li> </ul>
Bronze	\$100+	<ul style="list-style-type: none"> <li>Name on website*</li> <li>Invited to sponsor event</li> <li>Invited to all competitions</li> </ul>
*Recognition on The Greenhills Lawnmowers website reflects sponsorship levels		



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## Annual Team Costs

The following lists (Annual and Capital) itemize how we plan to spend our money as we grow our program for this year and beyond.

Item	Cost	Description
Robot Parts	\$20,000	All parts used for the robot, including but not limited to aluminum and steel chassis components, building materials, motors, sensors control boards, and electronics
Competition Fees	\$18,500	Two district competitions @ \$3,000 each, two championship competitions @ \$6,000 each, and \$500 of registration fees
Travel and Lodging - State Championship	\$4,000	Travel and Hotels for State Championship
Travel and Lodging - World Championship	\$31,000	Travel and Hotels for World Championship in Houston
Practice Field	\$1,500	Field for practicing driving and testing the robot systems
Food	\$9,500	Meals for our 43 students and mentors throughout the season
Community Outreach	\$750	STEM presentations to middle and elementary school students locally and in Detroit, host practice competitions, sustainability initiatives and exhibition events
Total	\$85,250	



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## Capital Costs

Item	Cost	Description
Pit Unit	\$7,800	Pit case for competition and for tool storage in our shop.
Desktop mill	\$5,000	An automated manufacturing tool for machining steel and other ferrous metals.
CAD Desktop	\$3,000	New desktop computer for designing and rendering the robot and its components
3D Printer	\$2,900	A computerized additive tool to create small precise parts
Cold Cut Band Saw	\$2,000	Saw for cutting special metals
Coding Laptop	\$1,800	Laptop for robot control software development
Sander	\$1,500	A tool to assist in the post processing of machining parts
Cart	\$1,500	Materials for making the cart for moving the robot and other components during competition
Track Saw	\$700	Saw for long straight cuts that can't fit on other saws
Anodizing Kit	\$500	Kit to anodize aluminum robot parts. Anodization serves to protect and decorate.
Total	\$26,700	