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Gene Haas Foundation

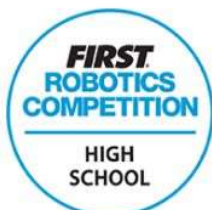
FIRST in Michigan District Event

Grand Valley State University
March 20-22, 2025

Thank you to our Title Sponsor:



Visit www.firstinmichigan.org to start a team or expand the reach of FIRST in your area!



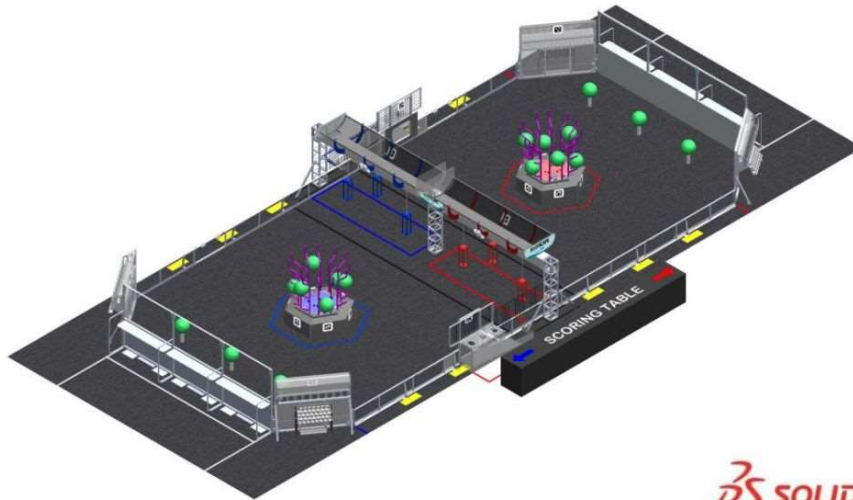
Participating Teams

Team	Name	School/Organization	City
74	Team CHAOS	Holland High School & Black River Public School	Holland
85	B.O.B. (Built on Brains)	Zeeland West High School Zeeland East High School	Zeeland
107	Team R.O.B.O.T.I.C.S.	Holland Christian High School	Holland
141	WOBOT	West Ottawa High School	Holland
862	Lightning Robotics	Canton High School & Salem High School & Plymouth High School	Canton
904	D Cubed	Innovation Central High & Union High School & Grand Rapids University Preparatory Academy	Grand Rapids
2054	Tech Vikes	Hopkins High School	Hopkins
2767	Stryke Force	Kalamazoo County 4-H	Kalamazoo
2959	Robotarians	Our Lady of the Lake Catholic School & Michigan Lutheran High School & Coloma High School	Coloma
3357	COMETS	Northern High School & Central High School & Eastern High School	Grand Rapids
3458	Code Blue	Home School	Holland
3546	Buc'n'Gears	Grand Haven High School	Grand Haven
4003	TriSonics	Allendale High School	Allendale
5084	Team FridgeBot	Corunna High School	Corunna
5248	Robo-Saxons	Hastings High School	Hastings
5256	Atomics	Lakewood High School	Lake Odessa
5470	The Cowpunchers	Coopersville High School	Coopersville
5610	Turbulence	Saugatuck Middle High School	Saugatuck
5675	WiredCats	Mattawan High School	Mattawan
5712	Hemlock's Gray Matter	Hemlock High School	Hemlock
5927	Globetrotters	iCademy Global	Zeeland
6002	ZooBOTix	Kalamazoo Central High School	Kalamazoo
6094	Manic Mechanics	Montague High School	Montague
6114	Hamilton CyberHawks	Hamilton High School	Hamilton
6128	M.O.T.O.R (More Than Our Robot)	Hart High School	Hart
6428	STEMINEERS	Coopersville Middle High School	Coopersville
6548	Perry RAMBOTS	Perry High School	Perry
7203	Cyber Bearcats	Battle Creek Central High School	Battle Creek
7210	RoboJackets	Greenville Senior High School	Greenville
7248	Tactical Hams	Potters House High School	Wyoming
7911	Scrap Cat Robotics	Belding Senior High School	Belding
8397	Astrobots	Kellogsville High School	Grand Rapids
9206	GRP Titans	Grand River Prep High School	Grand Rapids
9207	Redneck Robotics	Millington High School	Millington
9248	Orchard View Cyber Cardinals	Orchard View High School	Muskegon
9542	Technodogs	Centreville Jr/Sr High School	Centreville
9549	The Mechadogs	Covert High School	Covert
9638	Tigers, Bro!	Gobles Middle High School	Gobles
9721	Redhawk Robotics	Cedar Springs High School	Cedar Springs
9742	Walkerville Wildcats	Walkerville Public School	Walkerville

Understanding the Game

REEFSCAPESM

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 **SOLIDWORKS**
Modeling Solutions Partner

In **REEFSCAPE** presented by Haas, 2 competing alliances are invited to score coral (PVC tube), harvest algae (rubber ball), and attach to the barge before time runs out. Alliances earn additional rewards for meeting specific scoring thresholds and for cooperating with opponents.

Autonomous Mode (first 15 seconds): Robots operate only on pre-programmed instructions to score points. Autonomous mode ends with a field sound.

Teleoperated Mode (remaining 135 seconds): Drivers control their robots.

AUTONOMOUS PERIOD SCORING:

3 pts	For each robot who has left the area from which it started
3/4/6/7 pts	For each coral on Levels 1/2/3/4 respectively
6 pts	For each algae in processor (low goal)
4 pts	For each algae in net (high goal)

TELEOPERATED PERIOD SCORING:

2/3/4/5 pts	For each coral on Levels 1/2/3/4 respectively
6 pts	For each algae in processor (low goal)
4 pts	For each algae in net (high goal)
2 pts	For each robot parked in barge zone
6 pts	For each robot off ground on shallow cage
12 pts	For each robot off ground on deep cage

Tournament Schedule

FRIDAY

Pits open	8:00 AM
Opening ceremonies	10:30 AM
Matches begin	11:00 AM
Lunch begins	1:00 PM
Lunch ends, matches resume	2:00 PM
Matches end	7:00 PM
Pits close*	8:00 PM

SATURDAY

Pits open	8:00 AM
Opening ceremonies	9:00 AM
Matches begin	9:30 AM
Alliance Selections	12:30 PM
Lunch begins	1:00 PM
Playoff rounds begin	2:00 PM
Awards during playoff time-outs	3:30 PM
Pits close**	6:30 PM

Schedule subject to change.

*Pits will close at scheduled time or one hour after the last match, whichever is later.

**Pits will close at scheduled time or one hour after the close of awards, whichever is later.

We wish to thank all of our program sponsors:



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