

First Spring BotsIQ Competition a great success!

Saturday, May 3 was a very exciting day for manufacturing, education, and the community as the Spring 2008 Dayton region BotsIQ competition took place at the Miami Valley Career Technology Center.

Forty-two teams, from sixteen area schools competed. The teams were made up of students who spent months using their math, science, engineering, and creative skills along with their imaginations to design what they believed to be the answer to the challenging question – Who has the strongest, most durable robot that can strategically maneuver around an arena and face any offensive or defensive robot that can lift, flip, spin or push? The students learned to work within the constraints of the technical rules and regulations, time, and money, as well as finding the balance between what they believe is their best idea and what works best for the whole team. The students are faced with real-world manufacturing challenges, and, as was seen at the competition, they designed and built some amazing robots!!

Although the focus was on the competing school teams, Fifty three local companies and organizations were also involved as they stepped up to the plate to sponsor the event as team mentors, arena sponsors, award sponsors, and general competition sponsors and volunteers. The company sponsors are as follows:

Alro Steel Corp.	Graham Packaging
American Heat Treating	Greene Tool Systems
Bastech, Inc.	Haas Factory Outlet
Black Machining	Honda
CB Manufacturing & Sales Co.	Johnson Controls, Inc.
Crossroads Machine, Inc.	Kennametal, Inc
Custom Manufacturing Solutions, Inc.	Knox Machinery
Dayton Progress Corp.	Leis Medical
Dayton Public Schools	Lord Corporation
Dayton Supply & Tool	Manufacturing Success
Definity Partners	Miami Machine Corp.
Deimling-Jeliho	Miami Valley Career Technology Center
DGI Supply	Miami Valley Precision Inc.
Dysinger, Inc.	Midwest Machinery and Fabrication
Eagle Tool & Machine Co., Inc.	Millennium Metals Inc
Engineering and Science Foundation	National Tooling and Machining
Engineers Club of Dayton	Foundation
Environmental Engineering Systems	Orville Huggins
Falcon Tool & Machine Inc.	Precision Certified Welding, Inc.
GE Areospace	Precision Metal Fabrication
Gem City Metal Technologies, LLC	Project Engineering
GEMCITY Engineering and	RAM Precision, Inc.
Manufacturing	Sandvik Coromant
General Tool Co--Tomak	Seco Tools, Inc.

Sidney Tool & Die, Inc.
Sinclair Community College
Staub Laser Cutting
T & R Welding Systems

TE-CO
The Steel Store
Triangle Precision Industries, Inc.

Now the most important part, who are our winners??

1st place team: Mighty Blue
Bot: Triangle of Death
School: Kettering Fairmont

Best Engineered: Critically Acclaimed
Bot: New Jack Steel
School: Thurgood Marshall

2nd place team: Critically Acclaimed
Bot: New Jack Steel
School: Thurgood Marshall

Best Documentation: Mighty Blue
Bot: Triangle of Death
School: Kettering Fairmont

3rd place team: Untitled
Bot: Tommy Car
Centerville High School

Best Sportsmanship: Both teams from
Eastern Westmoreland CTC

Coollest Robot: Team BNM
Bot: Shazaam
School: Patterson Career Center

All of the competing teams came from sixteen area high schools and colleges, with teachers taking responsibility for multiple teams. The schools and teachers are as follows:

Amelia High School, Peter Leeper
Centerville High School, Dan Stacy
Diamond Oaks, Mike Burck
Dunbar High School, Dave Andrews &
Jim Rowland
Eastern Westmoreland CTC, Jeff Mori
Edison Community College, Dave Barth
Fairborn High School, Bob Kiser
Fairmont High School, Dave Lord
Homeschool, Amy & Van Henderson

Live Oaks, Jeff Smith
MVCTC, Van Henderson
Patterson Career Center, Dave Andrews
& Jim Rowland
Sinclair Community College, Gene
Gilliat
Springboro High School, Rory Korzan
Springfield Clark JVS, Mike Whitmer
Thurgood Marshall, Dave Andrews &
Jim Rowland

Want to be part of the action?

There are lots of ways to get involved as an individual or as a company. We need volunteers, teams need mentors, and the competition needs sponsors. Contact [Maureen](#) to find out how you can be a part of this great program!