

Sponsors

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Arrow Trailways of Killeen

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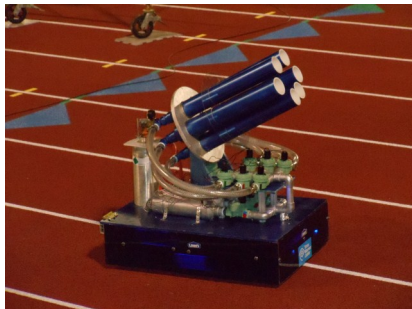
Northrop Grumman

Central Texas STEM Foundation

Robert M. Shoemaker

STEM Academy

Killeen ISD

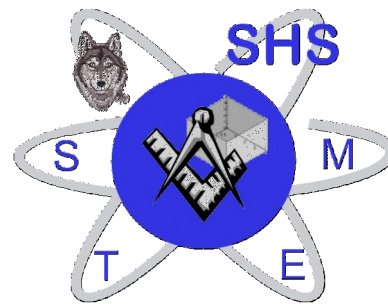


Business Plan for Team Sustainability
T-shirt sponsorship program



Killeen Independent School District proudly serves the communities of Killeen, Fort Hood, Harker Heights, and Nolanville. The student enrollment as of October 1, 2012, stood at 41,015, with approximately half of those enrolled being military family members. The district's more than 6,100 staff members are dedicated to ensuring student success.

Robert M. Shoemaker High School



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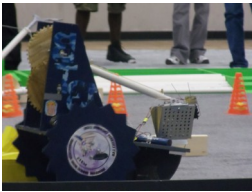


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Cyberwolves

Keep your eye
on the prize!



BEST Robotics Team History

The Cyberwolves have been building robots for the BEST competition since 2001. In that

Rookie year, retired General Robert M. Shoemaker supported Cyberwolves. Today, Cyberwolves have 40 students of the STEM Academy that actively participate in BEST robotics. Cyberwolves initially participated at Capitol BEST and for the last 3 years participated at the new Heart of Texas BEST.

2001 RAD To the Core, Cyberwolves built robot to run on an overhead track the robot was required to remove fuel rods from nuclear reactors and place them into a Multi-Tube Containment Vessel.

2002 Warp X, Cyberwolves built a robot a remotely controlled device that recovers game pieces from previous BEST games.

2003 Transfusion Confusion, Cyberwolves built a robot to collect blood cells and deposit the cells into a scoring area in the cell saver.

2004 Best Fever built a robot to use DNA components and place them into the appropriate sorting/scoring areas on the field.

2005 Mission to Hubble, build a Hubble space telescope by replacing old gyroscope/battery units with new ones that must be retrieved from a space Tug. Magnets hold the GBUs in place on both the Hubble and the Space Tug.

2006 Laundry Quandary built a device to retrieve "dry" laundry from clotheslines & place "wet" laundry on clotheslines within the 3-minute time limit.

2007 Robot Odyssey Build a cargo ship on the surface of Mars and place the supplies in a storage bins. Matches are 3-minutes long and played with 4 teams in each match.

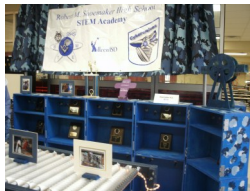
2008 Just Plane Crazy built a robot to retrieve aircraft subassemblies and complete an aircraft from these components.

2009 High Octane build a robot to collect and employ common molecules (carbon dioxide: CO₂; and water: H₂O) and essential resources (energy, catalysts) to complete a series of chemical reactions.

2010 Total Recall build a product manufacturing operations on two independent production lines.

2011 Bugs built a robot to safely handle the bugs/ and or food. Carefully transport them from their current location to one of three containment areas

2012 Warp XX build a robot to go up and down a space elevator and transport game pieces.



Community Participation

October 2012: Richland Mall, WACO
October 2012: Central Texas College, Day BEST
September 2012: Open House—
September 2012: Killeen Lions Club
August 2012: STEM orientation
August 2012: Geekfest, CTC Killeen, TX
July 2012: Into BEST Camp
July 2012: Off Season Mentoring Summer nights
May 2012: Hayes Elementary
May 2012: Northrop SHS Competition - off season event
May 2012: Clear Creek Elementary Presentation
March 2012 Timber Ridge Elementary School Presentation
March 2012 Timber Ridge Elementary School Presentation
January 2012: Timber Ridge Elementary Presentation
January 2012: Audie Murphy, Smith, Palo Alto and Live Oak Middle School
December 2011: Ten 80 Race into Math and Science
December 2011: Christmas Parade
October 2011: Baylor Drive Days, Waco, Texas
October 2011: BEST Waco, Texas
September 2011: Killeen Mall Day, JC Penney Killeen, Texas
September 2011: TSTC, Waco Texas BEST Kickoff
August 2011 :Geek Fest CTC, Killeen Texas
August 2011: SME Engineering Camp SHS Killeen, Texas
July 2011: College for Kids Engineering Camps, Killeen, Texas



BEST AWARDS

2001- Most Photogenic Design, Capitol BEST

2003-Participation Capitol BEST

2004- Participation Capitol BEST

2005- Best Competition 2nd Place Capitol BEST

2006- Participation Capitol BEST

2007- Participation Capitol BEST

2008- Participation Capitol BEST

2009- Most Photogenic Design, Capitol BEST



2010 Honorable Mention Award, Best Spirit Break, Best Dressed Award, Founders Award Best Sportsmanship Heart of Texas BEST

2011 CAD Design 3rd Marketing Presentation Spirit and Sportsmanship Most Robust