

SPONSOR'S APPLICATION FOR PERMISSION

TO PLAN AN OFF-CAMPUS FIELD TRIP OR ACTIVITY

Palm Bay High School 1/27/2012
School Date

To: John G. Thomas
Principal

From: Matt Conroy
Teacher

Request is made for
Engineering Technology Class
to be given permission for the following field trip/activity:

VEX Robotics Competition (VRC) US National Championship in Omaha Nebraska

Instructional Objective: This is a culminating engineering activity for students from course activities in design, problem solving, electronics, programming, mechanical, team work, materials fabrication. Students have design, built and competed in seven state VRC tournaments and qualified to compete in the VRC US National Championship

Number of students involved: 16
Place or Destination: Omaha Nebraska
Dates: From March 14th to the 18th
Departure: Time 6:00 am Return Time 8:00 PM


Drivers of private vehicles have been informed of liability, have a current Level II background screen, will use an appropriate vehicle per Board Policy 8660, have a valid Florida Driver's License, and completed **Statement of Insurance on Private Vehicles** form.:

Yes No (Check One)

Chaperones: Matt Conroy, Chris Peters, Joy Peters, Ken Laprade, Maria Laprade

Accommodations (If required): Omaha Executive Inn
3650 S 72nd Street
Omaha Nebraska
402-397-3700

It is understood that **Parent Permission and Responsibility Statements** (permission slips) will be obtained prior to starting the field trip/activity. YES

Approved:  1/29/12
Principal Date

FOR FIELD TRIPS OR ACTIVITIES INVOLVING MORE THAN TWO (2) DAYS MUST HAVE AREA SUPERINTENDENT APPROVAL:

Approved:  2/1/12
Area Superintendent Date

2/04
9/09

RECEIVED

FEB 01 2012

Area I Office

Request for Board Approval of Out-of-State Field Trip

Documents/information needed by South Area Office:

- Sponsor's application for permission to plan an off-campus field trip/activity (approved by the principal) – SINCE THIS DOCUMENT IS INCLUDED IN THE BOARD AGENDA ITEM, IT MUST BE TYPED.
- Name of group/club requesting approval

Palm Bay HS's Engineering Programs' Robotics Teams
- Name of activity/conference the students are participating in
U.S. National VEX Robotics Championship (VRC)
- Copy of invitation and/or letter stating team qualifies to participate in activity/conference
No letter available. Only qualified schools are allowed to register online.
- Date of activity/conference (to include date and time of departure and return)
Competition is March 14th to the 18th, Returning Sunday March 18th by 8:00 pm
- Location of conference

Omaha Nebraska
- Reason for trip and educational benefits
- Palm Bay High Engineering students qualified for the National and World Championship by winning 1st Place at the Miami VEX Robotics Competitions in December and winning the Excellence Award. Winning these awards is the only way to qualify for these events. Palm Bay competed against 50 other teams in South Florida.

VEX Education is dedicated to providing engaging and fun student experiences that enable individuals to reach their full potential while they develop the knowledge and skills vital to success in the 21st Century. Given today's global challenges compared to the rest of recorded history, there has never been an age with a greater need for new scientists, engineers and problem solving leaders. Recent breakthroughs in chemistry, medicine and physics have revealed a new set of challenges and created even greater opportunity for problem solving through technology. This underscores a dramatic challenge: there are not enough students choosing related paths to meet that global demands

Recognizing this dilemma, scores of governments and organizations are turning toward programs that integrate science, technology, engineering and mathematics (STEM) as a means to meaningfully engage and develop the next generation. VEX Education exists to help schools focus on practical, affordable and accessible ways of delivering dynamic hands-on STEM educational experiences to as many students as possible. Mixing the excitement and motivation associated with competition and real-world applications of mathematics and science concepts through the use of the engineering design process, we focus on addressing current educational and societal needs on many levels.

The study of robotics, by its very nature, captures all four legs of STEM very well while a competitive environment increases motivation and desire to succeed, thus creating classroom environments where both knowledge and skill development can flourish without having to compromise one for the other. Whether it's our classroom competition products, our classroom lab packages, one or more of our curriculum options, selections from our free education resources or some combination of them all, VEX Education continues to be a world-leader in classroom robotics applications and stands poised to help schools meet the growing global demands of the 21st Century.

- Transportation (provided by) American Air
- Accommodations (name and address)

Omaha Executive Inn
3650 S 72nd Street
Omaha Nebraska
402-397-3700

- Number of student participants 16
- Number of chaperones 5
- Names of chaperones – If male and female students participating, there must be male and female chaperones.

Ken LaPrade and Maria LaPrade
Chris and Joy Peters
Matt Conroy

Are the chaperones fingerprinted? Yes

- Cost per participant? \$735.00
What portion of the cost is the student responsible for \$300.00 + meals
Who is paying other expenses? High School/High Tech Grant, Brevard Schools Robotics, Harris Corporation, Northrop Grumman, Motorola and AT&T
- What does the cost include? (transportation, lodging, registration fees, robot parts, air fare etc.)
Students are only paying their share for air travel and partial hotel, and their personal meals.
- Is there student fundraising to cover cost of trip? If yes, what type of fundraising?
Year long events—proceeds from hosting a state VEX robotics competition, helping with Toys for Kids BBQ Fest, Car Washes, yard and garage sales
- Please provide a detailed itinerary for the trip (including date/time of departure and return to school)



U.S. National VEX Robotics Championship - HIGH SCHOOL DIVISION

Event Code: RE-VSC-12-4547

Capacity: 60

\$ 225.00

Type of Event: Tournament
 This event is a World Championship Qualifying Event

Pricing Information

\$225 (The fee has been reduced to \$225 from \$500 thanks to grants provided by our generous sponsors and partners.)

RECENTLY VIEWED

- U.S. National VEX Robotics Championship - High School Division
- U.S. National VEX Robotics Championship - Middle School Division
- U.S. National VEX Robotics Championship - Elementary School Division
- U.S. National VEX Robotics Championship - College Division
- U.S. National VEX Robotics Championship - International Division

Intelitek
 Step out high school engineering curriculum.

TECH CAMPS!
 HELD AT 60 UNIVERSITIES NATIONWIDE

Event Description

HIGH SCHOOL DIVISION

The CREATE Foundation is proud to host the 2nd annual U.S. National VEX Robotics Championship, an opportunity for top VEX Robotics teams from across the country to compete with and against the best of the best.

The 1999 has three divisions this year, High School, Middle School and Grade School. This event page is for the HIGH SCHOOL Division. (NOTE: If you are a middle school team and want to "break out" you are welcome to register for this division. If you would prefer to register for the Middle School Division, return to the event list and find the event page for the Middle School Division. If you are a grade school team participating in Triangle Town, return to the event page of Robot Events and follow the info for the CREATE VEX program.)

Winning teams from all United States VEX Robotics Tournaments and finalists from large (Level 4) United States VEX Robotics Tournaments qualify for Nationals.

Quick Overview

U.S. National VEX Robotics Championship - HIGH SCHOOL DIVISION	
Date:	March 15 2012 - March 17 2012
Venue:	Kroc Center
Address:	2215 Y St
City:	Ocala
State:	Florida
Country:	United States
Zip/Postal Code:	34477
Registration Opens:	October 2 2011
Registration Deadline:	March 1 2012
Capacity:	60
Programming Skills:	Yes
Robot Skills:	Yes

Depart Palm Bay HS at 6:00 am Wed March 14th
 Arrive at Hotel—at 12:00 pm Wed March 14th
 Arrive at Robotics Competition Grounds 7:00 am March 15th
 Depart hotel 6:00 am March 18th
 Arrive Palm Bay HS 8:00 pm Sunday March 18th

- Dates students will be absent from school
 March 14th, 15th and 16th--Wednesday, Thursday and Friday
- Copy of brochure/flyer regarding conference/event—
- <http://www.create-found.org/RoboticChampionship.php>

The screenshot shows a web browser window displaying the CREATE website. The page features the CREATE logo at the top, followed by a navigation menu with links for HOME, MISSION, ABOUT US, PROGRAMS, VOLUNTEERS, SCHOLARSHIPS, SPONSORS, TEAM, DONATE, and LINKS. The main content area is titled "U.S. NATIONAL VEX ROBOTICS CHAMPIONSHIP" and includes the dates "March 15-17, 2012" and the location "at the The Salvation Army Kroc Center in Omaha". Below this, there is a welcome message and a list of participating teams and games. The bottom of the page lists event documents such as "Qualifying Criteria" and "Schedules". The browser's taskbar at the bottom shows several open applications, including "VEX in before...", "FW: Abanwe...", "Palo Alto Events...", "Windows E...", "Field Trip - Bo...", "Create - Win...", "http://contex...", "MUAL Colab...", "ProTech TEA", and "Calculator".

CREATE
 www.create-found.org
 HOME • MISSION • ABOUT US • PROGRAMS • VOLUNTEERS • SCHOLARSHIPS • SPONSORS • TEAM • DONATE • LINKS

U.S. NATIONAL VEX ROBOTICS CHAMPIONSHIP
March 15-17, 2012
at the The Salvation Army Kroc Center in Omaha

Welcome to the U. S. National VEX Robotics Championship page. This year CREATE's signature event will be held in Omaha at the **The Salvation Army Kroc Center** in its 122,000 square-foot, world class, state-of-the-art facility. Teams from across the United States will be invited to participate in a unique event that spans all ages with three different games played in five separate tournaments.

At the U.S. National VEX Robotics Championship teams will participate in:

- CREATE Micro's activity **Nano Nano** for K-3rd graders.
- CREATE Junior's game **Triangle Triumph** for 4th-5th graders.
- CREATE Middle's game **Gateway** for 6th-8th graders.
- CREATE High's game **Gateway** for 9th-12th graders (Younger teams are welcome to play up).
- CREATE Open's game **IT Open** for all ages.

This year's registration fee is \$275. To confirm your reservation qualifying teams can contact us at Support@Create-Found.org or call (402) 614-2210.

Event Documents:

- [Qualifying Criteria](#)
- [Qualifying Criteria](#)
- [Schedules](#)
- CREATE Micro [Nano Nano Schedule](#)
- CREATE Junior [Triangle Triumph Schedule](#)
- CREATE Middle & High [Gateway Schedule](#)
- CREATE Open [IT Open](#)