

Ramp Riot 2008 Information Pack



Welcome to Ramp Riot 2008!

We want to thank everyone for taking part in this celebration of FIRST!

What has kept Ramp Riot such a successful event has always been the quality of the participating teams. We are grateful for your attendance.

Ramp Riot started in the fall of 2000 with 8 teams in an almost empty gym. The original idea was to hold a scrimmage and train a few rookies. But the teams had such a great time that we decided to play every year.

Now in our 9th year, the goal has not changed. The principal mission of Ramp Riot is to train and inspire our rookies. We are dedicated to delivering a high energy event that is a simulation of the regular season. Even though we have grown to over 40 FRC and FTC teams, we have never forgotten that our rookies still need that spark of inspiration that will keep them in FIRST.

Don't forget that this spark of inspiration comes from YOU!!

Keep this in your thoughts as you compete at Ramp Riot. Be strong in competition, enthusiastic in the stands and supportive in the pits. Let's all get excited for the benefit of our new rookie members! Thank you again for competing and Welcome to Our Garden!! Have a great day at Ramp Riot 2008!!

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Final Team List: **36 Awesome Teams!!**

- | | |
|--|---|
| 25 Raider Robotix, North Brunswick HS | 768 TechnoWarriors, Woodlawn HS |
| 84 Chuck, Towanda Area HS | 834 Spartechs, Southern Lehigh HS |
| 103 Cybersonics, Palisades HS | 1168 Malvern Robotics, Malvern Prep |
| 104 Team Universal, Henderson HS | 1218 Vulcan Robotics, Chestnut Hill Academy |
| 222 Tigertrons, Tunkhannock AHS | 1219 Vulcan Robotics, Chestnut Hill Academy B |
| 271 Mechanical Marauders, Bay Shore HS | 1391 Metal Moose, Westtown Friends |
| 272 Cyber Crusaders, Lansdale Catholic HS | 1403 Cougar Robotics, Montgomery HS |
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| 316 Lunatecs, Salem County College | 1676 Pascack Pi-oneers, Pascack Hills HS |
| 341 Miss Daisy, Wissahickon HS | 1719 Umbrella Corporation, Park School |
| 365 MOE Robotics, Engineering Club | 1727 REX, Dulaney HS |
| 423 SCR Robotics, CHS, SHS, Eastern | 1893 High Tech Parrots, Baltimore Polytech |
| 433 Firebirds, Mt. St. Joes HS | 1923 MidKnight Inventors, W. Windsor-Plainsboro HS |
| 484 Haverford Robotics, Haverford HS | 2016 Mighty Monkey Wrenches, Ewing HS/ MKSD |
| 522 RoboWizards, McKee Voc. HS | 2234 EA Robotics, Episcopal Academy |
| 539 Titans, Trinity Episcopal School | 2528 RoboDoves Western HS |
| 708 Hard-Wired Fusion Hatboro-Horsham | 2539 Krypton Cougars, Palmyra HS |
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Special Events !!

Honoring Mike Wade: (12:45 PM) FRC Arena

Mike Wade was a NASA Goddard Space Flight Center employee that made a life's work out of helping children. He also provided invaluable support which fostered the growth of Ramp Riot and many FIRST Teams. Mike passed away in the Spring of 2007, leaving a legacy of caring that we all must strive to continue. We honor him at Ramp Riot this year as a patron of our event, a pillar of FIRST and a mentor to many children in need. Each year we ask teams to donate canned goods to the Mattie Dixon Community Cupboard. The team that brings the most cans will win the **Mike Wade Memorial Award**. Mike gave us all so much over the years. We ask that all teams participate in this contest to honor his contributions to young people everywhere. More details are on the next page.

2008 FTC Scrimmage Event: (All Day) Lower Cafeteria

We are pleased to announce that Ramp Riot will host an FTC scrimmage in the Lower Cafeteria just a short hallway walk from the FRC arena. This competition will host teams playing the 2008 FTC game challenge. Thank you to the NJ FTC group for putting this amazing event together. For more information please contact Vince Frascella at vincent.frascella@baesystems.com

FRC Compact RIO Control System Seminar: (10 AM – 12 Noon) Room Assignment (TBD)

Team 103 will be demonstrating the new control system at Ramp Riot this year. They will bring last year's robot that has been retrofitted with the new control system. The demonstration & presentation will describe all components, how they work and the programming that they have written. Please note that this will not be workshop on how to use LabView or C++. Team 103 will however discuss how they used Labview and hold a Q & A to wrap up the meeting. The seminar will take place in a nearby classroom. **Don't miss this chance to see the new control system!!**

NEMO Workshop: (9:30 – 10:30 AM) Room Assignment (TBD)

NEMO is back once again for their 4th annual workshop at Ramp Riot! This year NEMO will cover the topic of Working with Parents. Kathie Kentfield will discuss strategies for getting parents involved in your team, communicating to parents, and defining their roles on the team. NEMO workshops are extremely valuable and FREE! Open to all adult mentors from any FIRST program. The workshop will run from 10:00 AM until 11:30 AM in a nearby classroom. If you have any questions please contact Kathie Kentfield at kathiek@firstnemo.org.

Girls in Gear: (9:00 AM Check-in, Program 9:30 – 11:30 AM) Meet at the Information Desk

This program designed just for the **Girl Scouts of America** will give local scouts a chance to learn about high tech careers and FIRST Robotics. Participating girls will receive a specially designed event patch. Pre-Registration is required for this activity. See attached flier for details.

Team in a Box Interviews: (All Day) Event Areas and TV Studio

The team is preparing to update Team in a Box for the release of Version 5.0. We will be seeking students, coaches and volunteers to be interviewed for the disk. If you are interested in participating, please let us know.

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The FUN Stuff!!

Canned Food Drive: Each year we hold a contest for the team with the most canned goods delivered. The team with the most cans delivered will win the **Mike Wade Memorial Award**. These cans are then delivered to the Mattie Dixon Community Cupboard to prepare Thanksgiving Dinners for needy families. (800 cans last year!) **Please contribute to this worthwhile cause.**

i-Pod Touch Raffle Tickets: We will be selling tickets to win an Apple i-Pod Touch. Tickets will be sold in the lobby for \$1 each or (8) for \$5. The drawing will be held at 5:00 PM on the floor at the Ramp Riot on November 8th prior to the Final Awards Ceremony.

Event T-Shirts: Event T-Shirts will be for sale in the FRC lobby and the FTC area this year. A limited number of shirts are available so don't miss out on this special souvenir of your time at Ramp Riot. The price is \$12 for a single sided shirt and \$15 for a double sided shirt listing the Ramp Riot teams.

Face Painting: Face painting will be available in the FRC lobby. Pay as you wish donations will be accepted. (\$2 suggested)

Radio Station Prizes: **94 WYSP** has donated a great list of prizes to be given away at the event listen for ways to win these prizes.

Team in a Box Distribution:

A limited number of **Team in a Box V 4.0 disks** will be available at the information table in the FRC lobby. Orders for additional copies can be made through our team website at www.team341.com Team in a Box was recently named as a must have resource by the FIRST President's Circle. Thank you to **AndyMark** for their continuing support.

VEX Driving Zone: (10 AM - 3 PM) FRC Lobby

Visiting kids can drive a robot for free in the Robot Driving Zone. A field with VEX robots will be located in the lobby for kids to try their hand at driving a machine. This area is free and sponsored courtesy of FRC Team 1712 Dawgma and the STEM Robotics club. Special thanks to Rich Kressly, Steve Rhoads and Foster Shucker for supporting this effort

Welcome Gifts: On each table PIT table you will find a gift bag for your team, courtesy of Team 341. Thank You for participating this year.

Opening Video Help: Each year we produce an opening video to honor our participating teams. Please send your team pictures of team members, robots, etc. to 341forum@gmail.com We want to include everyone in the opening video.

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EVENT INFORMATION

Questions and Help: If you have questions or need help please see anyone in a blue and gold Crew shirt or a blue and gold Team 341 Shirt. They will be able to direct you to someone that can assist you. If you need to locate someone in charge of the event you can approach the announcer for assistance or information table for assistance.

Arrival: It is critical that all teams show up on time and notify the check-in table immediately upon arrival. This will allow us to make the match schedule quickly. Please call 215-740-2739 if you are going to be late. The match schedule will be made final at 8:30 AM.

Load In: Please bring all team equipment down the loading ramp outside. This area will be marked as "Robot Load-In". For the safety of the teams and patrons please do not bring equipment or robots through the FRC lobby or down the gym steps.

Pit Area: Space is limited in the pit area. Please stay within the boundaries of your pit and be kind to your neighbors. If you have large banners, displays, or posters, we can find a space somewhere else in the arena for these items. The Pit Areas should stay clear of obstructions to traffic and sight lines to the field. If you are having an issue with your pit, please see an event manager.

Robot Repairs: If you need help with your machine or a spare part please go to the 341 pit area or approach the announcer for assistance. We will also have a mobile pit crew that will circulate. If you are traveling without your adult repair team, please let us know in the morning. Please do not grind metal, solder or use open flames in the pit area. A machine shop is available in the building for more complicated repairs.

Gracious Professionalism: Fun is the rule for the day. Please act in accordance with the guidelines of Gracious Professionalism. Be kind to your fellow teams and help them as needed.

Safety : All team members and their guests are expected to behave in a safe manner and obey all safety rules (see Safety page). Individuals not acting safely will be asked to leave the event premises.

Inspection: No inspections will take place. However it is expected that all robots will follow the FIRST guidelines for construction and fairness. The event manager reserves the right to enforce FIRST machine guidelines at all times.

Food: Food is available in the FRC Lobby and the Lower Cafeteria areas. Food for lunch can be pre-ordered by teams. A pre-order food list is available in this packet and will also be available at the time of check in. The pre-order deadline is at 9:30 AM on the morning of the event. No food is allowed in the Circle Gym/FRC Arena at any time.

VIP Room: A classroom has been set aside away from the intensity of the FRC Arena as a place to entertain special guests and support our many volunteers. There will be a light morning and afternoon food service available in this room. Event volunteers such as referees, field crew, MCs, and special event volunteers are encouraged to take advantage of this service.

Arena Seating: Please be seated in the stands during match play. For reasons of safety and courtesy to fans, please do not stand up at the field rails while robots are operating. **Please note** that the lower level is reserved for teams, volunteers and special visitors. The upper level is designated for the general public and guests of our competing teams. This rule helps keep the competition areas clear for team and robot traffic.

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COMPETITION INFORMATION

Practice Rounds: You will find a practice round schedule in this packet. Practice rounds will begin at 7:20 AM. If teams miss their practice round, we will attempt to fit them in later if possible. All practice will stop at 8:30 AM.

Qualification Rounds: A qualification round schedule will be generated on the morning of the event. It is critical that all teams show up on time and notify the check-in table immediately upon arrival. This will allow us to make the match schedule quickly. Please call 215-740-2739 if you are going to be late. The match schedule will be made final at 8:30 AM. If you arrive after 8:30 AM you will not be included in the competition.

Event Timing: Ramp Riot is a single day event with 36 teams, so timing is critical. All matches will start on time. There will be very little flexibility for teams arriving late to the field, match replays or long discussions of on-field decisions. **All referee decisions are final.** Match replays are very rare and at the discretion of the event organizers and referees. We are here for fun! Gracious Professionalism will be the rule of the day.

Seeding: This will be the same as a FIRST regional.

Alliance Selections: Selections will be conducted immediately after the 5th qualifying round has been played for all teams. (please see the schedule) Please send a representative to the field immediately after the final match.

Eight alliances will be created, consisting of four robots per alliance. The top eight seeded teams will choose their first two partners in the same way as a FIRST competition. The top seeds may choose among the top eight. Please come to the field prepared to make selections!

A fourth robot will be automatically assigned to each alliance as a back-up team. These assignments will be made in reverse ranking order. The alliance does not have to play this partner, but they will be considered as part of the alliance for awards. The 4 unselected teams will be standby robots in case an alliance loses a machine. If a 5th partner becomes a champion or finalist a special order will be made to supply a trophy after the event.

Playoff Rounds – Playoffs will be patterned after the FIRST regional events. Rounds will be the best two out of three matches.

Awards:

- Champions (Team award – 4 teams)
- Finalists (Team award – 4 teams)
- Mike Wade Memorial Award (Food Drive)
- Number One Seed
- Spirit of Ramp Riot
- Ramp Riot GP Award
- Judges Award

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Regular Event Schedule

* (See Special Events Page for Other Activities)

<u>Time</u>	<u>Activity</u>
5:30 AM	Team 341 Reports to WHS
7:00 AM	Doors / Pits open
7:20- 8:30 AM	Practice Rounds
8:40 - 9:00AM	Opening Ceremonies <ul style="list-style-type: none">- Welcome- Team Intro & Video- National Anthem
9:00 AM -12:00 PM	Qualifying Rounds (4 of 5)
12:00 - 12:45 PM	Lunch/Special Events
12:45 – 1:15 PM	Special Presentations
1:15 - 2:00 PM	Qualifying Rounds (5 of 5)
2:00 PM	Alliance Selection
2:30-5:00 PM	Elimination Rounds
5:00 PM	Awards/Closing Ceremonies
5:30 PM	Field Breakdown

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Practice Schedule

RED

7:20-7:25

25 84 103

7:30-7:35

272 303 316

7:40-7:45

433 484 522

7:50-7:55

768 834 1168

8:00 – 8:05

1640 1676 1719

8:10-8:15

2016 2234 2528

BLUE

104 222 271

341 365 423

539 708 709

1218 1391 1403

1727 1893 1923

2539 2607 1219

8:20 -8:25 **Open Session:** For teams that missed practice

8:30 **Field Reset for Opening Ceremony**

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SAFETY INFORMATION

EMERGENCY PHONE NUMBERS

General Emergency (using building phone system) dial 6-911

FIRST AID

Please go to the Pit Administration table or Team 341 Pit for basic First Aid Supplies. Please alert the event organizers if more involved care is required.

PIT SAFETY

Safety expectations and rules at Ramp Riot are the same as for all FIRST events. Please refer to the FIRST manual for those standards. Safety glasses must be worn in the pits and on the playing field at all times.

GENERAL CONDUCT

All participants and volunteers are expected to behave with Gracious Professionalism at all times. Any unruly behavior or actions which create safety concerns may result in warnings or ejection from the site at the discretion of the organizers.

GENERAL SAFETY COMMUNICATIONS

Please notify an Event Crew member if you have any safety issues or concerns. Please report any illness or injuries to the Pit Administration table or event organizers.

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Travel and Logistics



Directions: Can be obtained by going to the Ramp Riot section of www.team341 or by going directly to this web address:

<http://maps.google.com/maps?q=houston+road,+ambler+pa&spn=0.021776,0.031543&hl=en>

This Google site gives the user the ability to input their address to the Google map and print out directions.

From Pennsylvania Turnpike

1. Exit at FORT WASHINGTON - Exit #26
2. Get on 309 North
3. Exit from 309 at SUSQUEHANNA ROAD - Turn LEFT at bottom of ramp
4. Continue past traffic light at BUTLER PIKE & SUSQUEHANNA
5. Turn LEFT at stop sign (TENNIS AVENUE) go to BETHLEHEM PIKE
6. Turn RIGHT on BETHLEHEM PIKE, continue north on BETHLEHEM PIKE until Dager Road
7. At Dager Road and BETHLEHEM PIKE (BMW Dealership) make a left onto Dager
8. Follow Dager a very short distance to Houston Road
9. Turn LEFT onto Houston Road
10. The High School will be on your right hand side.

Friday Arrival: Teams may drop off robots and/ or load their pit area on Friday night from 6:00 PM until about 8:00 PM. Please call 215-740-2739 in advance to make arrangements. No robot repair is allowed in the gym on Friday night.

Hotel Choices for Ramp Riot

Residence Inn Montgomeryville

1110 Bethlehem Pike

North Wales, Pennsylvania 19454 USA

Phone: 1-267-468-0111

<http://www.marriott.com/hotels/travel/phlmg-residence-inn-philadelphia-montgomeryville/>

Best Western Fort Washington Inn

285 Commerce Drive, Fort Washington, Pennsylvania, 19034-2406, US

Phone: 215-542-7930 Fax: 215-641-0969

Toll Free Reservations: 800-448-9274

<http://book.bestwestern.com/bestwestern/productInfo.do?propertyCode=39094>

Emergency Robot Materials:

Home Depot

Montgomeryville

751 Horsham Rd - Unit D

Lansdale, PA 19446

(215)393-8180

Radio Shack

707 Montgomery Mall

North Wales, PA 19454

215-368-1448

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Sponsors & Partners:

Please welcome our sponsors and partners that make this event a special day. Representatives from the following organizations will be honored on the field.

Sponsors

Rohm & Haas
Johnson & Johnson
Cobham Defense Electronics
BAE Systems
Siemens
PJM Interconnection
AndyMark Inc.
DeVry University
Techni-Tool

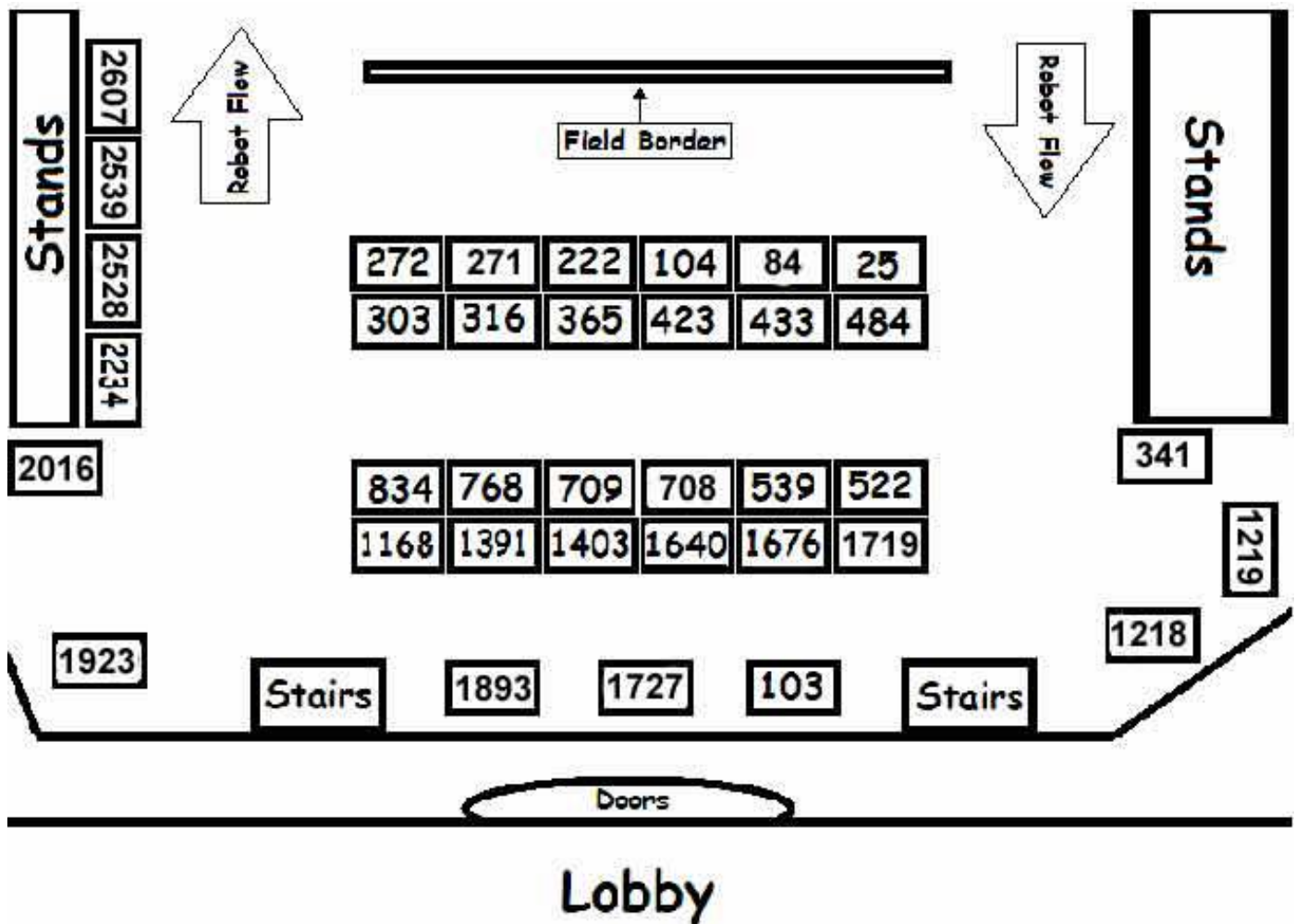
Partners

NJ FTC Committee
Wissahickon School District.
Wissahickon Ed. Opportunities Foundation
Children's Hospital
Mattie Dixon Community Cupboard
Team 103 Cybersonics
Team 222 Tigertrons
Team 1712 Dawgma
STEM Robotics Club

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Pit Map for FRC Teams



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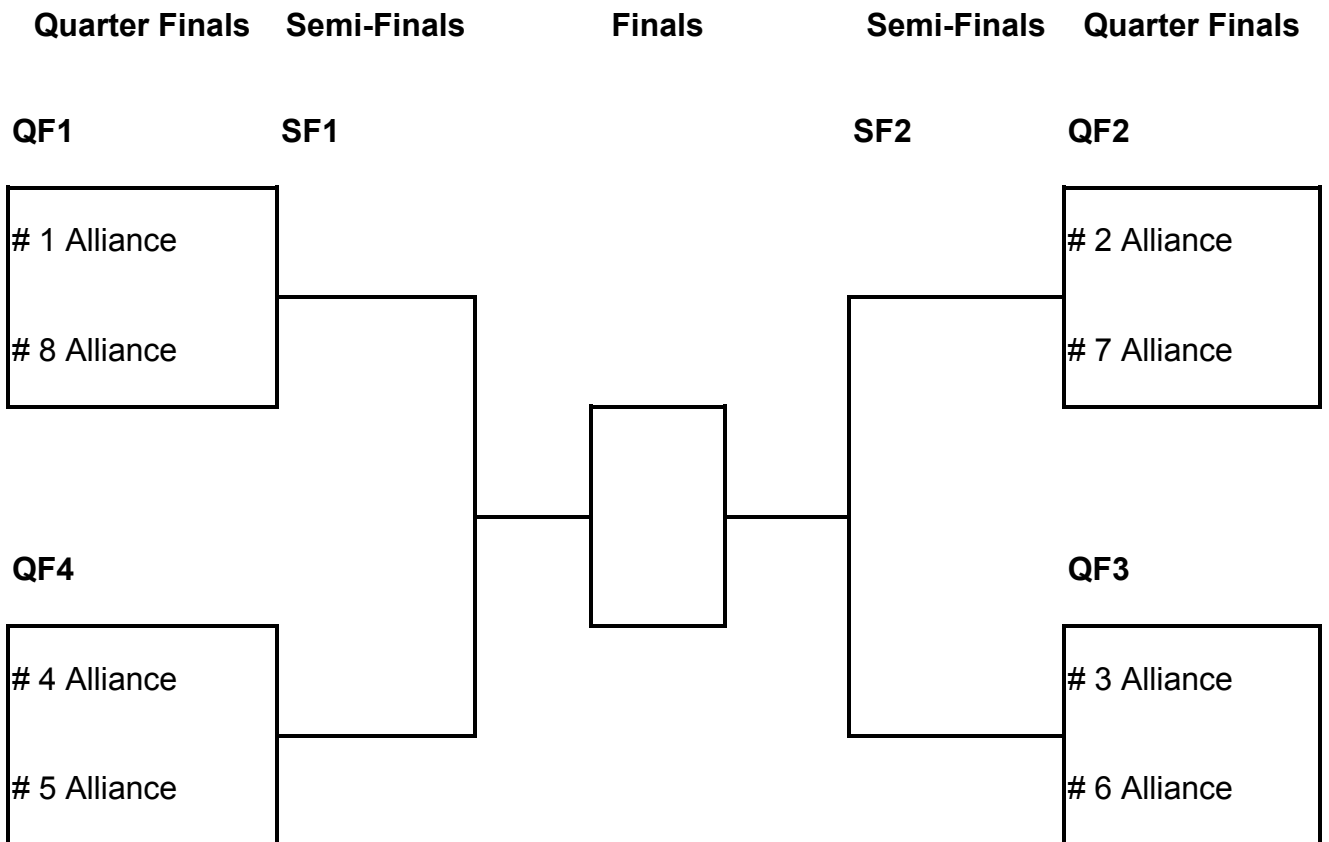
Playoff Alliance Tracker



Alliances

ALLIANCE #	TEAM 1	TEAM 2	TEAM 3	TEAM 4
1				
2				
3				
4				
5				
6				
7				
8				

Match Ladder



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The Ramp Riot GP Award

(For the Team with the most Gracious Professionalism at Ramp Riot)

Vote for the Team that has GP !!!

Team Number: _____

Reason: _____

- | | |
|--|---|
| 25 Raider Robotix, North Brunswick HS | 768 TechnoWarriors, Woodlawn HS |
| 84 Chuck, Towanda Area HS | 834 Spartechs, Southern Lehigh HS |
| 103 Cybersonics, Palisades HS | 1168 Malvern Robotics, Malvern Prep |
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| 522 RoboWizards, McKee Voc. HS | 2234 EA Robotics, Episcopal Academy |
| 539 Titans, Trinity Episcopal School | 2528 RoboDoves Western HS |
| 708 Hard-Wired Fusion Hatboro-Horsham | 2539 Krypton Cougars, Palmyra HS |
| 709 Femme Tech Fatale, Agnes Irwin School | 2607 RoboVikings, Archbishop Wood HS |

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The **SPiRiT** of RAMP RIOT AWARD Vote for the Team with the most Spirit !!!

Team Number: _____

Reason: _____

- | | |
|--|---|
| 25 Raider Robotix, North Brunswick HS | 768 TechnoWarriors, Woodlawn HS |
| 84 Chuck, Towanda Area HS | 834 Spartechs, Southern Lehigh HS |
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RAMP RIOT IX

36 INCREDIBLE ROBOTS!
FREE ADMISSION
MUSIC! GAMES! PRIZES!



Wissahickon High School
Ambler, Pa.
Saturday, November 8th, 2008
9 am - 5 pm

Sponsored by:



For more information: www.team341.com

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GIRLS in GEAR!

A Technology Program Just for Girl Scouts!

- * Explore High Tech Careers!
- * Drive a Competition Robot!
- * Learn about Technology
- * Earn a Special Event Patch



Girl Scouts®

Ramp Riot 2008

9th annual Robotics Competition

Wissahickon HS

521 Houston Rd.

Ambler, PA 19002

Saturday, November 8th

9:00 am to 11:30 am

Cost: \$3.00

All Ages Welcome!

Register before October 21st by Contacting :

Wendi Ostrow 341robotics@gmail.com

267-218-2762



FIRST®



Visit: www.team341.com



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Pre-Order Lunch Form ***(Optional)***

Team # _____ Pick Up Person _____ Desired Time _____

<u>Item</u>	<u>Price</u>	<u>Quantity</u>	<u>Total</u>
Hot Dog	\$2.00	_____	_____
Meatball Sandwich	\$3.00	_____	_____
Italian Hoagie	\$3.00	_____	_____
Whole Pizza	\$16.00	_____	_____
Team Total			_____

Please drop off the completed form in the morning at the upstairs kitchen window.
Pick ups will also be made at the upstairs kitchen window.

The pre-order deadline is at 9:30 AM

Please Note: A variety of foods will be made available at the upstairs lunch counter and the FTC concession stand all day long for teams that do not pre-order.
However pre-ordering helps us to better serve your team.

Thank you for your order!