

May 18th, 2013 at **Becker Field House**, 12000 Hancock, in Becker MN. See our web site at <http://www.BestOutreach.org> for a map: Click the [Race Day Information](#) link on our home page, then click the [Map & Directions](#) link.

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## **Reminder List for Teachers and Mentors:**

1. If you have questions, call Paul via cell phone:

**612-418-4895**

2. **Pizza** will be provided for everyone: students, teachers, mentors, and family and visitors, but we will not be providing any beverages (water and vending machines are available) so you might want to bring a cooler of drinks for your team.
3. If you have used your batteries heavily you should **charge** them before the race. If you have technical concerns or need help with charging your battery, contact Lee Hart: **320-656-9574** or Paul Patton (cell phone above).
4. You may bring **receipts** for expenses to Race Day and see Rick Cash or Paul Patton before or after the races for reimbursement.
5. A helmet (such as a bicycle helmet) must be worn by all drivers. It must be securely fastened. Drivers must wear shoes (no sandals) and **loose clothing** should be avoided or secured so that it cannot become caught in the wheels or moving parts of the car. Sturdy pants such as jeans are recommended. Make sure your team has **several bicycle helmets** of all the sizes that your team will need. They should have good, working chin straps. During the Endurance Race the next student to drive usually should secure their helmet before the car arrives in the pits. Track marshals will stop a car until a student has secured his/her helmet if a loose helmet is observed.
6. Adults will work as **track marshals** during the Endurance race. They will each watch a section of the track, especially along the pit area. They will be watching for:
  - Too many people in the pit area and/or people wandering out into the race lanes of the track and not staying close to their pit area.
  - Helmets that are not fastened securely.
  - Fence climbing.
  - In case of congestion and to avoid a possible collision, a track marshal may step onto the track and direct traffic, which may include signaling a car to stop.

- Anyone who wants to cross the track: wave your arms or yell to attract the attention of the nearest track marshal for permission to cross. Wait for the track marshal to wave you across.
7. One student from each team will be a member of a **Merit Award Committee** that will work together to assign an award to each car. Elect or otherwise choose one student and make sure that person knows that he or she is the designated Merit Award Committee member. The designated student will have the following responsibilities:

The students will meet with a coach for about 5 minutes, just before the team interviews begin. The coach will explain what they are doing and how they will do it. They will sit together, with the coach, during the interviews, and after each one will decide on the name of an award to give to the team, on a certificate (examples might be “Great Teamwork”, “Best steering design”, “Cool Paint Job”, etc.). The certificates will then be printed and presented later, by the merit award team members, during the Endurance race: the members of the committee will take turns using the P.A. to announce the awards. Communication skills and the ability to work well in a small group would be good abilities for a student that participates on this committee.
  8. One, two, or three students from each team will be **interviewed** for about 3 minutes, during a presentation of the car. Determine who will do this and make sure that they know about it, so that they come up to the front promptly when their team’s car is presented. The interviewer is friendly and asks easy questions about what it was like to build the car, what the students learned, and features of the car.
  9. Please **review the Race Day Rules** with your team. There is a quiz you can use to help them learn. Please read the rules document carefully and be responsible for communicating what your team needs to know and do.

## **Detailed Schedule:**

**8:00 to 9:00** Cars arrive at the track and move to the pit area.

**8:30 to 9:30** Technical inspection of all cars, as they arrive

### **Times below are approximate.**

**9:30 Welcome & Announcements.**

9:30 All cars move to end of track behind Drag Race start line, then **EVERYONE** from all teams move to the infield near the Drag Race finish line

9:35 Announcements and instruction to teams.

9:40 One driver and one or two assistants for each team go to Drag Race start line.

**9:45 Drag Race:** 3 heats and final. When a car finishes a race it is moved into the infield beyond the finish line.

9:45 **Heat 1**

9:50 **Heat 2**

9:55 **Heat 3**

10:00 Move cars: 4 fastest go to the starting line, Others line up in the infield in front of the grandstand.

10:05 Final – four fastest cars (not the heat winners but the 4 **fastest**)

10:10 Move **all** cars to the infield in front of grandstand. All teams move to track in front of grandstand and sit.

**10:15 Merit Award Committee meeting** – 5 minutes.

**10:20 Interviews-** 6 teams: 4 minute interview: 24 minutes total.

**10:45 Slalom Race:** 3 pairs of cars plus one solo

10:45 **Race 1** 10:50 **Race 2** 10:55 **Race 3** 11:00 **Race 4**

**11:05 Merit Award Announcements**

**Line up for Endurance Race** - each car starts in the center of the track directly in front of the team's pit area.

11:10 Track marshal meeting, 5 minutes.

**11:15 Endurance Races:**

**12:00 Pizza**

**12:30 Clean Up**

**End at about 1:00**

**Paul To Do:**

## Bring:

- Ribbons
- Wireless mike & preamp
- Stopwatches
- Signposts
- Rope to lay out slalom course
- Extra cones
- Whistles
- Armbands & Stop signs
- First-aid kit
- Clipboards & pencils
- Duct tape & Electrical tape
- Card table
- Paper plates, napkins
- Serving gloves
- Honeywell Racing hats
- Extra Motors and Batteries
- Cooler
- Caution tape
- BEST checkbook
- Checkered Flag

## To Do:

- Notify media
- Recruit marshals and timers
- Arrange for pizzas

## Outdoors:

- Rope to mark public area
- Keys to grounds & AC power
- Extension cord & outlet strip
- Poles, ropes, & stakes
- Hole stake & hammer
- Tarp
- Table for speakers
- Trash bags
- P.A. speakers
- Chairs

## Papers:

- Programs and folder
- Team list for microphone
- Tech Inspection Checklists  
with Electric Car Rules
- Driver Practice Reports (extras)
- Marshall Briefing checklist
- Merit Award worksheets
- Race Day Reminders (2)
- Race Day Rules (2)
- Interview cue card
- Merit Award Certificates (future)
- Email and contact info

**Assignments:**

Race Coordinators  
 Tech Inspectors  
 Timing & Results Officials  
 Safety Marshal Coordinator  
 Merit Award Coach  
 Safety Marshals  
 Pizza Coordinator  
 First Aid

Paul Patton & Rick Cash  
 Rick Cash & Bob Aske  
 Bob Aske  
 Paul Patton  
 Barbara Pierson