



PACK 10 PINEWOOD DERBY

Saturday, January 17, 2009

Themes: Monsters, Hi-Tech, Windsor Knights



IMPORTANT DATES AND TIMES

1. Turn in cars and official weigh in and inspection: Thursday, Jan. 15, 2009, immediately following Webelos Bridging Ceremony at 7:00 p.m. If you need to add weight, please bring your own weights.
2. Race area set-up: Friday, Jan. 16, 6:30 p.m.-8:00 p.m. Come and go—help as you can. We'll be decorating the cafeteria and setting up the track, computer timing, and video.
3. Tune up: Saturday, Jan. 17, from 8:30-9:00 a.m. Lube your car wheels before the race. Graphite will be used in the pit area only! Cars will be taken to the racing area at 9:00.

CAR SPECIFICATIONS

While we recognize the need for some assistance, please allow your Scout to do as much of the work as possible. The judges will be looking for the Scout's own handiwork.

1. All cars must be built after 10/16/2008
2. Width: Overall width not to exceed 2 $\frac{3}{4}$ inches
3. Length: Overall length not to exceed 7 inches
4. Weight: Not to exceed 5 ounces or 141.75 grams
5. Wheels
 - a. Wheel bearings, washers, and bushings are not permitted. Axles may not be altered, except for polishing.
 - b. Modifying tire tread width is not permitted (wafer wheels are not permitted.) Tread width cannot be altered.
 - c. Width of the car body where the wheels attach shall remain 1 $\frac{3}{4}$ inches wide so wheels will fit over track guide strip.
 - d. The wheel-base (distance between the front and rear axles) may not be changed from the kit body distance of 4-1/4 inches.
6. Body
 - a. Cars may be hollowed out and built up to the maximum weight by the addition of wood or metal only.
 - b. No loose material of any kind will be permitted in or on the cars.
 - c. Cars must not ride on any type of springs.
 - d. Details such as a steering wheel, driver decals, painting and interior details are encouraged as long as the car does not violate any other rule.
 - e. Please place the car number issued at check in/weigh in on the top or side of car.
 - f. Car must be free-wheeling with no starting devices.
 - g. Cars shall have a minimum of $\frac{1}{4}$ -inch clearance under the body to assure clearance to the track and sensors.

“BOSS HOG” (non-Scout) CARS

1. All non-Scouts (parents, brothers, sisters, grandparents, etc.) are encouraged to participate in the “Boss Hogg” division.
2. Rules for this event are the same as for the Scouts.

RACING PROCEDURES

1. Each entry will be inspected and weighed on Thursday, January 15, 2008, in the Windsor Cafeteria. Make sure car is ready to run when registering on Thursday. **NO ENTRIES WILL BE ACCEPTED AFTER 9:00 PM ON THURSDAY, JANUARY 15.**
2. Once registered, cars shall remain in custody of race judge until race day. Cars may be checked out from 8:30-9:00 on race day for wheel lubrication.
3. Contestants will be announced at the start of the race. Track officials will place cars on track from pit area.
4. All cars will participate in 4 races.