

Cub Scout Pack 151 2009 Pinewood Derby Race

- Who:** Pack 151 Cub Scouts
What: Pack 151 Pinewood Derby
Where: Oakwood United Methodist Church Gymnasium
When: Friday February 6, 2009
- 5:00 P.M. - Doors open for Registration & Weigh-in
 - 6:30 P.M. - Judging for non-racing categories begins
 - 7:00 till 9:00 P.M. - Racing Begins



Registration & Weigh-In

- **Each racer must pay a \$5.00 registration fee for each car entered.**
- All racers must pass registration & inspection
- Doors open for registration & weigh-in at 5:30 P.M.
- Once a car has been weighed in and passes inspection, it will be impounded and the racer will not be able to make changes prior to racing.
- We will have a limited amount of coins and weights for the last minute additions to underweight cars.
- Racers whose cars do not meet official rules and regulations will be given a chance to fix the problem, but racing will begin as scheduled.

Official Pack 151 Pinewood Derby Rules & Regulations:

All cars must pass inspection to qualify for the race. The inspection points are as follows:

- The car must have been made within the past year (can't race last year's car).
- Width - overall width shall not exceed 2.75" (2-3/4 inches).
- Length - overall length shall not exceed 7 inches. (Note: cars out of the box are sometimes over 7 inches.)
- Height - overall height shall not exceed 3.5 (3-1/2) inches.
 - (Note: You can exceed this limit for judging, if the item can be removed when racing.)
- Weight - Shall not exceed 5 ounces.
- Wheel bearings, washers, bushings or hubcaps are prohibited.
- No solid axles, only the official Grand Prix Pinewood Derby kits with nails for axles can be used.
- Wheel base cannot exceed 4.75" (4-3/4 inches) Center to Center of axle.
- The car shall not ride on any kind of springs.
- Dry Lubricant only. No Liquid Lubricant allowed.
- Wheels can be sanded to remove surface imperfections, but the treads must be left flat. Wheels can not be any smaller than 1.180" diameter. Cannot remove any significant amount of plastic - inside or outside of wheel. Only the official wheels supplied with the Grand Prix kit are acceptable. Car with modified wheels will be disqualified to run. No hubcaps of any sort are allowed.
- Must have a .375" (3/8 inch) clearance under the car body. Low hanging weights must be moved to another part of the car or recess into the bottom of the car to pass the .375" clearance.
- Any details added must be within length, width, and weight limits.
- No loose materials of any kind are allowed on the car. If anything falls off during or after a race, it stays off.

Lubricants: Powdered graphite is the only legal lubricant. Oils, silicones, etc. are prohibited.

Detailing: Any added details must be within height and weight limits. No loose materials of any kind are allowed on the cars. If anything falls off during or after a race, it stays off.

Car Age: The car must have been made during the current year (the year in which the derby is held). No repeating of past cars.

Patches:

All contestants will receive a patch commemorating the event when they pay the registration fee.

Trophies:

- Fastest Car (1st, 2nd, & 3rd)
- Fastest Tiger (if fastest Tiger is the Pack Champion, then the Fastest Tiger award will go to the next fastest Tiger Cub.)
- Slowest Car
- Fastest Non-Scout Car (siblings, parents, etc.)
- Best Cub Scout Theme Car (1st, 2nd, & 3rd)
- Funniest Car (1st, 2nd, & 3rd)
- Most Realistic Car (1st, 2nd, & 3rd)
- Most Creative Car (1st, 2nd, & 3rd)

Judging:

Judges for the non-racing categories are being recruited from the Oakwood community. In order to maintain fairness, the judges will not know the identity of a particular car's builder. The judges will rank their top 4 choices from each categories and points will be awarded for each of the four selected cars. The points will be totaled and the top three cars in each category will receive trophies. If there is a tie, the car that appears on the most judges list wins.

Race Day Café:

We will have a race day café snack booth in the OUMC Fellowship Hall.

Race day café will open at 5:00 We plan to have Pizza (cheese and pepperoni), water, Capri Sun & ice cream.