

Official Pack 370 Pinewood Derby Rules and Schedule

I. Car Specifications:

- A. Weight: Cars are required to be no more than 5 ounces. This rule will be strictly enforced. There will be a glue gun and weights provided at the weigh-in and scouts will be given an opportunity to "tweak" their car weight after they have had it weighed. **Please note that the glue and weights provided at race time should be for minor changes only. A scout should make an effort to have his car very close to his desired weight before he arrives.
- B. Width: The maximum car width is 2 3/4 inches. This is the width of the car as it comes so this is not really a worry. A scout may, however be tempted to make part of his car narrow which is fine so long as the width at the wheels is still at least 1 3/4 inches.
- C. Length: The car must be no longer than 7 inches.
- D. Bottom Clearance: That is, how high up the car sits. **This one is very important.** The car must have a clearance of at least 3/8 inches. Almost every year, there is a scout who messes up the pre-cut slots where the axle nails go and tries to make new ones. Inevitably, he puts the wheels too high up on the car and thus leaves very little bottom clearance and his car scrapes on the track.
- E. Wheel Base: A Scout may alter the distance between the front and back wheels if he desires. Last years district race also allowed for this but I do not have word as to the rule this year.
- F. Alternative Kits: **Alternative kits are not allowed.** A scout must use the kit that he is given by the pack. This kit is standard Cub Scout issue. If a scout messes his car up and needs another, it is perfectly fine to purchase another one from the Scout shop. This rule is meant to make sure that no other **type or brand** of kit is used.
- G. Reattachment of wheels: If wheels fall off during a race, the race coordinator may push the wheel back on if he feels that the loose wheel will not interfere with other cars. The scout may not touch the car at this time. The race coordinator may not use any glue or any substance to reattach the wheel...he may only push it on.
- H. Reattachment of weights: Weights that fall off during a race may not be reattached under any circumstances. **Note that weights which are hot-glued on at the last minute during weigh-in are very likely to fall off. It is best to put forth the effort to get the car close to weight before weigh-in.**

II. Weight In Times:

All weigh-ins must be done on Friday night January 7, 2005 from 7:00 - 9:00. Weigh-ins will be held at the Fellowship Hall at Saint James.

Once a car is turned in, it cannot be retrieved until after the race.

Please, please, please make sure that all your boys are aware of the weigh in date. No cars will be accepted for weigh-in on the day of the race!

III. Race Times:

The race will be held on Saturday January 8, 2005

The races for each rank will be held as follows:

Wolf Scouts	-	8:30 AM - 9:15 AM
Bear Scouts	-	9:30 AM - 10:30 AM
Webelos	-	10:45 AM - 12:15 PM
Pack Finals	-	12:30 PM - 1:00 PM
Tigers	-	2:00 PM - 3:00 PM

IV. Race Format

The races will be the standard double elimination tournament. Each den of a particular rank, will race themselves. This will determine the 1'st, 2'nd and 3'rd place car for that den. When every den of a particular rank has raced, the 1,2 and 3 cars from each den are entered into a rank final which will determine the 1'st, 2'nd and 3'rd place for that rank. After the Webelo race, the 1,2 and 3 cars from Wolf, Bear and Webelo will run in the Pack Finals.

V. Awards

The 1'st, 2'nd and 3'rd place winner from each den receive a place ribbon.

The 1'st, 2'nd and 3'rd place winner from each rank receive a cool trophy.

The 1'st, 2'nd and 3'rd place winner for the pack receive an even cooler trophy.

A plaque will be awarded for: 1'st, 2'nd and 3'rd Best design overall, and an "I did it myself" plaque for the best car which was most likely built entirely by the scout.