



Blackhawk District Pinewood Derby 2017

Saturday; April 22, 2017

At Ascension Lutheran Church/St John's
7429 N. Milwaukee Ave.; Niles, IL 60714

Hello Cub Scout Parents and Leaders, You are invited to Participate at District level, we highly recommend there is a pack level race first. *Select the top 4 fastest racers from Tigers, Bears, Wolves, W1, and W2, and select the top 4 "best car designs", for a total maximum of 24 participants per pack.* Note that a Car entry cannot participate in both racing and design.

The District level race begins with Check In/Weigh at 10:00 AM and Races to start at 11:00 AM and usually finish before 2 PM. Each rank level races to determine the top 3 winners per rank, and then they are entered in the grand finale race.

There is also a "**For ALL**" race designed for enthusiastic Adults, Boy Scouts, or daughters that wish to compete. The "For All" racers must follow the same rules as the Cub Scouts.

Best Car Designs are judged by the Adult volunteers working on the race day after all design cars have been checked in. The top three winners are awarded trophies.

Advanced Registration is required at the early bird fee of \$8 per pinewood derby car and after 3/31/2017 the fee goes up to \$10.00 for each pinewood derby car; deadline date is Friday, April 14th, 5PM, 2017, at the Pathway to Adventure Council Office website.

<https://scoutingevent.com/456-12294>. No walk-ins are permitted on race day.

The participating Cub Scouts must be in full uniform, and check in their own car. (Adults may not check in a scout's car)

Please share this information with your Pack Leaders and Pack Pinewood Derby Winners! Any questions please feel free to contact:

Denise Peterson
(847) 630-3683

Brett Williams
Blackhawk District Executive
brett.williams@scouting.org

Blackhawk District Pinewood Derby SPECIFICATIONS/RULES:

1. Participating Cub Scouts must be present and in uniform on race day, and must check in their own car.
2. All participants must use new cars resulting from qualifying Pack Derby's from this 2016-2017 race season. No antique/prior cars are eligible to enter.
3. Cars are to be made "PRIMARILY" from the original pine body from the Official Cub Scout Pinewood Derby Kit.
4. Any replacement parts must be Official Boy Scout Derby parts.
5. The length of the car shall not exceed 7 inches. The width of the car shall not exceed 2 $\frac{3}{4}$ inches. The height shall not exceed 4 $\frac{1}{2}$ inches in height. Wheelbase width is to be 1 $\frac{3}{4}$ inches. Ground clearance must be $\frac{3}{8}$ inch or greater.
6. The weight of the car will not exceed 5 ounces (141.75 grams). No loose materials of any kind are permitted in the car. The car may be hollowed out and built up to the maximum weight by the addition of wood, metal, or plastic, provided it is securely built into the body. Final weight will be determined at the event check-in. (The scales used at this Derby are calibrated to a 5 ounce weight).
7. Washers, bushings and springs are prohibited.
8. There is no designated front or rear to the supplied body, either end may serve as the front. (if the front end is not obvious, it should be marked as such, so the starter is clear on the placement of the car at the starting gate)
9. Detailing: Details such as steering wheel, driver, decals, painting and interior detail are permissible as long as these details do not exceed the maximum length, width, height or weight. All details must be permanently attached. Car will be displayed and raced as it appears at weigh in. Nothing may be added or removed after check in.
10. All cars must use slots in the original block for axle placement. No changes in axle distance will be allowed. Polishing of axles is allowed and recommended.
11. Cars with shaved wheels will not be allowed to race. The wheels must not be altered in any way (i.e. holes drilled in the side or edge narrowed). No third party wheels will be allowed. The words "Official B.S.A. Made in the USA" and other lettering on the wheels shall remain intact and clearly visible to the inspector.
12. Each car must be free-wheeling with no starting device.
13. Each car must pass inspection by the Official Inspectors before it may compete. The Inspectors have the right to disqualify cars that do not meet these specifications. Inspectors may request to have a weight reduction if the car is over the weight when using the official district scale. After a car completes inspection, no other alterations shall be made, and the car is placed on the race rack.
14. Graphite will be the only lubricant allowed. No other types will be permitted. Graphite application must be done prior to official inspection only.
15. No handling of cars after official inspection approval. Picture of Scout with his car may not be taken after official inspection approval, until the end of the race and design judging.
16. The order of the race will be determined at random by a computer program.
17. Appropriate conduct by all attendees is required.
18. Judges' decisions as to race and design winners are final.
19. Adults may not be the primary builder of the Cub Scout's car.