

Northern Lights District District Pinewood Derby



April 18th, 2009

LDS Church

4700 Edinbrook Terrace, Brooklyn Park

This is it! The Northern Lights District Pinewood Derby Race!

Each pack may send **two** Scouts from each age group (**Tiger Cub, Wolf, Bear, first year Webelos, and second year Webelos**) to race.

Each boy will be responsible for the \$3.00 entry fee.

- All cars will have to pass inspection (regulation size & weight are same as in the kits).
- Profile of the wheels must not be changed in any way (i.e. rounding or narrowing).
- Please do not bring graphite into the building and make sure that your cars are clean before entering the building.
- The decision of the judges on all disqualifications is final.
- Remember that this is the boy's race, **not** the adults, and we will have **fun!**

The schedule for each age group is as follows:

	Registration	Racing
Tiger Cubs	12:30 – 1:00	1:00 – 1:45
Wolves	1:15 – 1:45	2:00 – 2:45
Bears	2:15 – 2:45	3:00 – 3:30
Webelos (1)	3:00 – 3:30	3:45 – 4:15
Webelos (2)	3:45 – 4:15	4:30 – 5:00

Please be on time for your race! We **cannot** wait for late arrivals! For questions, call Kyle Wetzel at 612-860-9670, or the Northern Star Council at 763-231-7201. A district display table will be setup with information on Cub Scout activities throughout the district.

OFFICIAL COUNCIL PINWOOD DERBY RULES

2009

ALL CARS MUST MEET THE FOLLOWING RULES AND SPECIFICATIONS

- Each participant may enter one (1) car. The car should be built for the current year of competition and not raced in previous years. The Cub Scout needs to be present and in uniform for the car to compete.
 - The race will be a timed event. The best accumulative time will determine the winner.
 - After registration, inspection and weigh-in the car will be impounded. You will not be allowed access to your car until the end of the event. A car losing a wheel or any part that prevents running cannot be repaired after weigh-in.
EXCEPTION: Race officials may authorize repairs when damage is caused by collision with another vehicle or object. Repairs must be completed within a limited time allowed by the Race Officials.
 - If a car leaves the track in two (2) consecutive races, it is disqualified.
EXCEPTION: When a car is caused to leave the track because of a collision with another car.
 - The cars will rest against a starting pin; therefore it is advisable that they do not come to a sharp point in front. Due to a short starting pin, the front end **should not be any higher than 1/4" above the axle line.**
 - **ONLY** the official Cub Scout Grand Prix Pinewood Derby kit **should** be used.
 - **Width** - overall width will not exceed 2-3/4".
 - **Length** – over all length will not exceed 7". Wheels will not extend past the front or rear of the car body.
 - **Width** – between wheels – will not be less than 1-3/4".
 - **Bottom Clearance** – clearance between car and track will not be less than 1/4".
- NOTE:** Some tracks may require a 3/8" clearance.
- **Weight** – will not exceed 5 ounces.
 - **Height** – will not exceed 4" so that it will clear most tracks.
 - **Only official current Cub Scout Grand Prix Pinewood Derby wheels and axles are permitted. (See Detail Pictures and Notes on Council website)** You may not change the wheel dimensions. Wheels may not be rounded, pointed, concaved, shaved or otherwise modified. You may, however, sand the tread or tire contact area of the wheel to smooth out the rough spots. Wheel bearings, washers, and bushings are prohibited. The car will not ride on springs of any type. Wheel covers or hub caps are prohibited, the head of the nail must be viewable for inspection. The axels (nails) maybe polished and stamping imperfections removed but the shape and size of the head may not be altered. The recommended wheel and axle lubricant is dry, powdered graphite.
 - **Other Items** - Details such as steering wheel, a driver, and decals are permissible as long as these details do not exceed the width, length, height, clearance and weight specifications. All details must be securely attached to the car.
 - **All cars will be free wheeling with no starting devices.** Magnets and slip weights are prohibited. All weights must be securely attached to the car.
 - **Inspection:** Each car must pass an inspection by the official Inspection Committee before it may complete. The inspectors have the right to disqualify those cars which do not meet the rules and specifications outlined above, even though your car passed the inspection at the Pack or District level. If a car does not pass inspection, the owner will be informed of the reason for failure and will be given a time within the official registration period to make adjustments.

ALL DECISIONS BY THE RACE OFFICIALS ARE FINAL.

District Pinewood Derby Coordinators

Please remember that we are all volunteers!

For questions and further information contact:

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