



# *Iroquois Trails District* *2017 Pinewood Derby Race*



Sunday, March 5, 2017, at St. Daniel the Prophet School  
5337 S. Natoma Ave. Chicago IL.

**Registration Deadline is Wednesday, February 22<sup>nd</sup> 2017.**

Cub Scouts will be racing their cars in 4 divisions, *Tiger, Wolf, Bear, and Webelos*. The race is open to all Cub Scouts that finish in First and Second place in their Pack for their respective division (*Fastest 2 Tiger, 2 Wolf, 2 Bear, & 2 Webelos from each Pack*). Trophies will be awarded to the top 3 finishers in each division. The first place finishers in each division will race to determine the *Iroquois Trails District Grand Champion*.

- Doors will open at 11:45 a.m.
- Car inspection & registrations will start at 12:15 p.m.
- Races will start with the Tiger Scouts at 12:45pm.
- The Wolf Scouts will start racing after the Tiger Scouts, about 1:45 p.m.
- Bear & Webelos Scouts at about 2:45 and 3:45 p.m.
- The Grand Champion race will commence about 10 minutes after Webelos are finished, about 4:55 p.m.
- Trophies will be awarded after each division is done racing.
- You may park in the parking lot or on the street.
- Please bring change for lunch concessions.
- The racing entrance fee is \$40 for each Cub Scout Pack.

**NOTE:** We need to know how many racers, and their names, will be racing at the district race. If you don't have the scouts' names at the time of registration you can call their names in to us later. Please register your unit no later than **February 22<sup>nd</sup>**. Late registrations or walk-ins will not be accepted. Make all checks payable to: Boy Scouts of America, 1218 W. Adams St., Chicago, IL 60607. Registration must be received by James Mullaney from Pack 3475 or You may pay at the service center on Adams St.

Questions? Please call our hosts with Pack 3475:

James Mullaney, phone: 773-213-5766

Shamus8@comcast.net

## IROQUOIS TRAILS DISTRICT PINEWOOD DERBY CHAMPIONSHIP RULES

All cars are to be built by the boys with supervision and support of a parent or guardian. All Cub Scouts, family members and other attendees shall conduct themselves according to the principles of Scouting.

### 1. **Length, Width, Height**

- a. Maximum overall width (including wheels and axles) shall not exceed 2-3/4".
- b. Minimum width between the wheels shall be 1-3/4".
- c. **Minimum clearance between the bottom of the car and track shall be 3/8".** Cars that cannot clear the bottom of the track **will be disqualified. No exceptions.**
- d. Maximum length shall not exceed 7".
- e. Wheelbase (distance between front and rear axles) may not be altered from the Official Pinewood Derby Kit.

### 2. **Weight and Appearance**

- a. Weight shall not exceed 5 ounces. The readings from Official Race Scale will be considered final. Do not add weight to the bottom of the car as this reduces the car's clearance on the track.
- b. Details such as steering wheel, driver, decals, fender flares, painting, and interior detail are permissible as long as these details do not exceed the maximum length, width, and weight specifications.
- c. All weights and details must be secure to the car. If they fall off during racing they will not be allowed to be reattached during the race, will have to race as is.

### 3. **Wheels and Axles**

- a. Only Official BSA Grand Prix wheels and nail axles may be used.
- b. Wheel bearings, washers or bushings are prohibited.
- c. The car shall not ride on any type of springs.
- d. The car must be freewheeling, with no starting or propulsion devices.
- e. Wheels may be slightly sanded to remove center ridge mold only. No undercut, beveled, or speed wheels will be allowed.
- f. No weights may hang from the bottom of the car.
- g. No straight axles allowed. Only the nails that are included in the Official Pinewood Derby Kit will be accepted. The nail axles must be visible for inspection.
- h. All 4 wheels must be contacting the race surface.

### 4. **Lubrication**

- a. Only dry powdered graphite may be used.
- b. Cars may be lubricated before inspection. No further lubrication will be permitted after the cars pass the inspection weigh-in.

Each car must pass inspection by the official inspection committee at the time of the weigh-in before it will be allowed to compete. The inspectors will disqualify those cars that do not meet the above specifications. All rulings of the Race Committee are final. After passing inspection, each car will be registered, given a race number, & will be impounded until race time. If, during the race, a car becomes damaged and unable to race, the Scout will be given a reasonable amount of time to repair the car and return to the race. **We have read these rules and agree to abide by them:**

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*Cubmaster*

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*Pack No.*

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*Den Leaders*

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*Den Leaders*

**2017 Iroquois Trails District Pinewood Derby**

**Pack # \_\_\_\_\_ Racers' Names:**

*Tigers:*

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*Wolves:*

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*Bears:*

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*Webeles:*

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