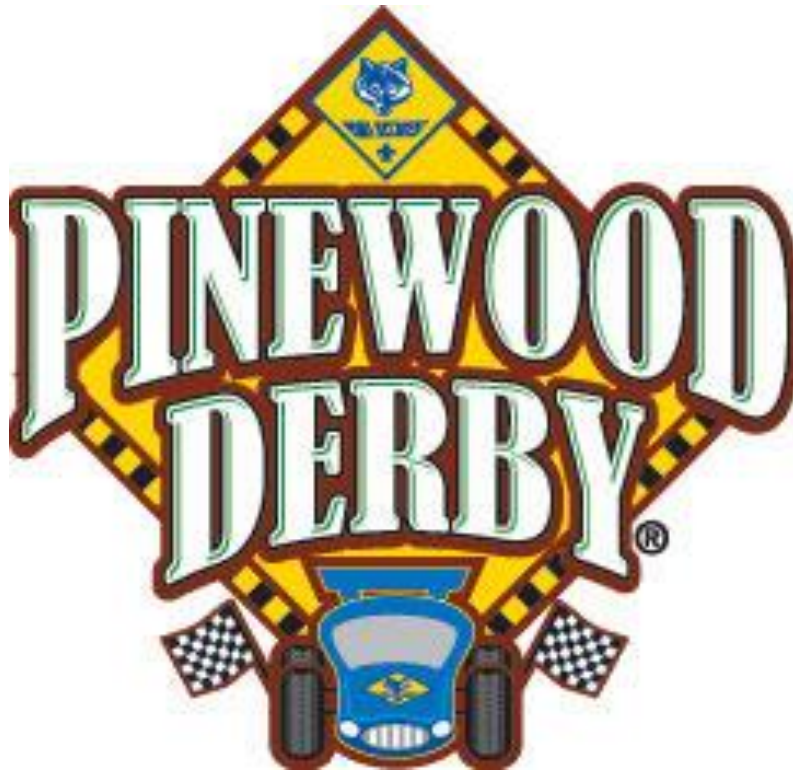


**2010 MOHAWK DISTRICT  
PINEWOOD DERBY RACE**



Saturday, March 13, 2010

Registration from 8:30 a.m. – 9:30 a.m.

Racing from 10:00 a.m. – 12:30 p.m.

Thorstad Chevrolet, 1702 S. Park St., Madison

- WHO:** All Cub Scouts in the Glacier's Edge Council regardless of how you placed in your pack race. It's another opportunity to race your car
- Boy Scouts, siblings and parents are highly encouraged to enter the Open and Outlaw divisions
- COST:** \$5.00 per participant.
- TROPHIES:** 1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> place at each den level (Tiger Cubs through Webelos II)
- 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> place trophies will be awarded to the top three overall winners of the Cub Scout division
- One trophy will be awarded to the Open Division winner
- One trophy will be awarded to the Outlaw Division winner
- PATCHES:** All participants receive an event patch
- REGISTER:** Pre-registration ensures a faster check-in the day of the race, but cars may be registered on-site the day of the event
- INSPECTION:** 8:30 a.m. to 9:30 a.m.
- RACES:** 10:00 a.m. to approximately 12:30 p.m.
- RACE ORDER:** Cub Scout, Open Division race, and then Outlaw division race. Trophies are awarded after the completion of all three divisions.
- SCORING:** Winners will be determined based on lowest aggregate time from the individual races.

## RULES:

1. Cars must be built from official BSA scout pinewood derby kits. Pre-assembled, purchased cars and cars built from non-BSA kits (e.g. PinePro) are not allowed.
2. Cars must be current construction (2009 – 2010 school year).
3. Cars may not exceed 2.75 inches in width.
4. Cars may not exceed 3.25 inches in height.
5. Cars may not exceed 7 inches in length.
6. Cars may not exceed 141.75 grams (5.00 ounces) in total weight.
7. Any loose material on cars is prohibited.
8. Cars may only use wheels and axles from official BSA scout pinewood derby kits. NOTE: BSA began issuing a new type of wheel during late 2009. The new design weighs slightly less than the prior design. The new wheels are allowable.
9. Any type of wheel bushings, bearings, washers, packing, springing, or starting device, etc. is prohibited.
10. Only dry lubricants such as graphite are allowed.
11. For the Cub Scout and Open divisions, the outer wheel surface may be lightly sanded, shaved, or polished to remove surface imperfections and mold casting burrs, but must not be reshaped in any way in an attempt to lighten the wheel, minimize tread contact or alter aerodynamics. Tread surface must be flat and parallel to the wheel bore. Coning the hubs and truing the inside edge is allowed.

The following modifications are prohibited:

- a) Wheels may not be rounded, tapered, grooved, V-cut, H-cut, narrowed or otherwise reshaped in any way
- b) Altering of wheel profile
- c) Drilling sidewalls
- d) Hollowing, sanding, or otherwise removing or modifying plastic material from inside the wheel
- e) Filling of any wheel surface with any type of material

For the Outlaw division there are no limitations to the wheel modifications that are allowed. For example, bearings can be used, the wheels can be lightened, the profiles can be altered, and 'razor' wheels can be used.

12. Cars are required to have 4 wheels but not all wheels must touch the track surface.
13. The original pre-cut axle slots do not have to be used. An extended wheel base is allowed, as long as it does not increase the length of the car.

# 2010 MOHAWK DISTRICT PINEWOOD DERBY RACE REGISTRATION FORM

District: \_\_\_\_\_

Pack #: \_\_\_\_\_

Entrant: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Division (circle one):

Tiger | Bear | Wolf | Webelo I | Webelo II | Open | Outlaw

Entry Fee: \$5.00

Please make check out to Glacier's Edge Council

Mail to:

Glacier's Edge Council, BSA

P.O. Box 14135

Madison, WI 53708-0135

Remainder to be completed by race official at check-in/inspection

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Car number: \_\_\_\_\_

Weight: \_\_\_\_\_