

Blackhawk Area Council

Pinewood Derby

April 18-19, 2009

Welcome to the 34th Annual Council Pinewood Derby sponsored by the Blackhawk Area Council, B.S.A. and the Pecatonica Improvement Association in cooperation with Pecatonica High School

Date And Place

April 18-19, 2009, at Pecatonica High School, in Pecatonica, Illinois.

Place Categories

Place categories for the 2009 Council Pinewood Derby will correspond with our Cub Scout program. The ten race categories will be:

- 1st Grade Winner
- 1st Grade Runner-Up
- 2nd Grade Winner
- 2nd Grade Runner-up
- 3rd Grade Winner
- 3rd Grade Runner-up
- 4th Grade Winner
- 4th Grade Runner-up
- 5th Grade Winner
- 5th Grade Runner-up

All entries must be in these ten categories by grade, regardless of how your individual pack race is organized.

Participants

Each pack may enter one Cub Scout in each of the ten race categories. The entrants shall be the winners (1st Place) and runner-ups (2nd Place) from their own pack derby. A Cub Scout may be entered in one category only.

No Duplicate Entries.

Check-In

Please register 15 minutes prior to your assigned starting time so that your Cub Scouts can register, weigh in, and pass through inspection with their cars on time.

After a Cub Scout's car passes pit inspection and is placed on the pit table, **he and he alone** will be allowed in that pit area. If there is something wrong with a car, assigned capable people will be on hand to assist with any repairs.

Any Questions?

Please call Bob Gingras, Pinewood Derby Chairman, at 815-288-5262.

Preparing the Cars

Each Scout who qualifies should have his car boxed individually.

Label each box with the following information:

- Race Chairman or Cubmaster
- Address and phone number
- Pack number and district
- Race category (grade, winner or runner-up)
- Name of Cub Scout

The boxed and sealed cars are to be held by the pack race chairman or Cubmaster from the time of the pack race until the day of the council race.

Boxes **may not** be opened prior to registration and pit check-in at the designated track area. **Assigned pit crew members only may open the sealed boxes.**

Special Note

If you do not receive an acknowledgment of your pack entry within two weeks after sending in your forms and \$35.00 fee, please call the Blackhawk Area Council Service Center at 815-397-0210.

A fee of \$70.00 will be charged for all entries received after the entry deadline (March 9, 2009).

If your pack schedules its derby just before or after the entry deadline and you would like to have your Scouts race, we suggest filing a blank entry form with all information except for the names. The winners can be phoned in to the pinewood derby chairman later and the pack saves on the late entry fee.

Where to Report at Pecatonica High School

Since this will be the first time for many people to visit the Council Pinewood Derby, a road map giving directions to Pecatonica High School will be included with your starting information. There will also be signs within the school designating all race areas.

Meet your Cub Scouts, parents, and leaders at the car pick-up area. A special area will be designated in the school.

Entry Forms

ENTRY FORMS MUST BE AT THE SERVICE CENTER OFFICE BY MARCH 9, 2009

All race chairmen or Cubmasters must do the following upon completion of their Pack Pinewood Derby:

1. Complete the attached entry form and mail along with the **\$35.00 Pack Entry Fee** to: Blackhawk Area Council — Pinewood Derby, P.O. Box 4085, Rockford IL 61110.
NOTE: Provide a \$70.00 late entry fee if mailing entry after March 9, 2009.

After April 1, 2009, a copy will be returned to the pack race chairman or Cubmaster with the racing date and starting time for each entrant' race. **It is your duty to contact the Cub Scout's parents with that information.** Be on time - any race car may be eliminated by default if the starting time is delayed more than 5 minutes from the assigned time.

2. Immediately following the pack derby, each car to be entered in the Council Derby shall be checked over, reinspected for conformity to the Council Derby Rules. **This is the time for minor repairs and re-lubrication.** (Please restrain from dumping lots of extra graphite in the storage boxes.) Pack and seal each car in a box - **1 car per box.**

Because of the excessive use of graphite in past years and the mess it makes on the tracks and floor, the Council Pinewood Derby Committee has specified that no graphiting or other lubrication will be allowed during the Pinewood Derby at Pecatonica High School. All lubrication must be done before boxing the cars.

Ties

Races that end in ties on a pack level must be run over until a winner is determined. Any entries that are received at the council office that show a tie will be returned and the pack will not be registered for the races until they re-submit the entry without any ties.

Uniforms

All Cub Scouts and leaders are encouraged to wear their uniforms. Show your Scout spirit!

Cubmaster/Race Chairman Checklist

- Pick up pinewood car kits from the council trading post as early as you can to avoid the rush.
- Conduct your pack races (preferably in January or February to avoid late entries).
- Send in your pack Entry Form before the deadline (March 9) to avoid late payment charge.
- Remind all Cub Scouts who qualify and their parents that the races will be at Pecatonica High School.
- Notify the Scouts (and parents) as soon as you receive their race times (after April 1, 2009).
- Indicate where you plan to meet the boys to give them their cars at Pecatonica High School.
- Encourage all Scouts and leaders to wear their uniforms and a smile.
- Designate someone to pick up your pack's envelope which contains your patches, ribbons, and mug at the school. Look for sign "Patch Pick-Up."
- Plan to have fun!

Fifth-Grade Webelos Scout Policy

The following policy applies to fifth-grade Webelos Scouts qualifications for racing at the Council Pinewood Derby races at Pecatonica High School.

If the fifth-grade Webelos Scout races at his pack race **as a Cub Scout** and qualifies for the council race, then he may race, even if he has graduated to Boy Scouts.

However, if the Webelos Scout graduated to Boy Scouts **before** the pack race, he will not be able to qualify for the council races. If the pack wishes, the Scout can race at the pack level, but just won't qualify for the council races at Pecatonica High School.

If additional questions arise, call Pinewood Derby Chairman Bob Gingras at 815-288-5262.

ALL RACE RESULTS WILL BE DETERMINED BY THE ASSIGNED TRACK JUDGES, AND ALL TRACK JUDGE DECISIONS WILL BE FINAL. VIDEO REPLAYS, PHOTOS, ETC., WILL NOT BE CONSIDERED.

Blackhawk Area Council Pinewood Derby Car Regulations

Attention Pack Leaders:
It is your responsibility to inform the parents and Cub Scouts of your pack of these regulations.

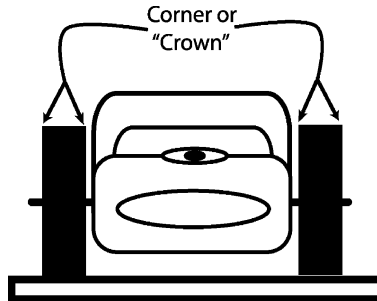
1. **The car must be constructed using the materials supplied with regulation Grand Prix Kit #17006.**
2. The car run in the Council Pinewood Derby shall be the identical car run by the entrant in his own pack derby, and it must have been constructed after April 13, 2008.
3. **Length:** Overall length shall not exceed 7 inches.
4. **Width:** Overall width shall not exceed $2\frac{3}{4}$ inches.
5. **Weight:** Maximum total weight of car, including driver, trims, weights, etc., shall be 5 ounces.
6. **Height:** Cars shall not be higher than 3". This is measured from the bottom of the wheels to the top of anything on the car. This is so all Pinewood Derby Cars will clear all timing devices.
7. **Wheels:** Wheels must be constructed from those supplied in regulation kit #17006 OR REPLACEMENT WHEEL KIT #17007. No modification of wheels will be allowed, except that burrs or excess plastic from the factory molding process (if any) may be removed or sanded. Wheels must be original width thickness and height and the whole tire surface must meet the track surface.

All four wheels must touch the track surface. This will be checked during weigh in and inspection.

If the flat surface of the tire is to be sanded, be careful not to round the corners (crown) of the wheel. Any rounding of the crowns will cause disqualification. An edge should still be present. See illustration below.

The axle bore of the wheel may not be bushed, sleeved, lined, or otherwise modified to change the basic wheel-to-

metal axle interface other than the application of a non-permanent spray-on, brushed-on, or dusted lubrication compound. Bushings, sleeves, permanent coatings, thrust washers, and enclosed axles (hub caps) are prohibited. **Wheels may not be shaved.**



8. **Axles:** Axles must be constructed from the nails supplied in regulation kit #17006 or replacement kit #17007. Burrs on the underside of the nail head may be removed with a file or emery cloth, and the nail shafts may be polished with fine emery cloth or jeweler's rouge. The mating surface of the nail may **not** be grooved, bushed, sleeved, lined, or otherwise modified to change the basic wheel hub to nail shaft interface other than the use of application of a non-permanent spray-on, brushed-on, or dusted lubrication compound. Bushings, sleeves, permanent coatings, thrust washers, and enclosed axles (hub caps) are prohibited.
9. **Track Clearance:** The car must have an under-body and in-between-wheel clearance which will allow it to travel freely over a track lane strip which is $\frac{3}{8}$ inches maximum in height and $1\frac{1}{4}$ inches maximum in width.
10. **Suspension:** The car shall have a solid suspension consisting of the wheels and axles rigidly mounted to the car body. No springs, linkages, shock absorbing materials or other constructions which provide a non-rigid or floating-type suspension are permitted.
11. **Details:** Details such as steering wheel, windshield, driver, exhaust pipes, trim, etc., are permitted as long as they are

rigidly mounted to the car body and do not exceed the overall car specifications.

12. **Starting Devices:** The car may not incorporate any devices which may assist starting. These shall include, but are not be limited to, magnets, liquids, spring mechanisms, etc. There shall be no loose components within the body of the car. The car must also be free-wheeling.
13. **Front Edge:** The front edge of the car must rest against the starting peg on the track so that the entire car is behind the peg.

Race Format

The race format for each category will be a single elimination tournament conducted in heats. No more than 3 cars will race at a time, each car making one run down each of the 3 designated lanes of a multiple lane track. Heat winners will be determined by a total point system for the heat, whereby a car will be assigned 1 point for 1st Place, 3 points for 2nd Place, or 4 points for 3rd Place after each of the three races in a heat.

The car with the least total points at the end of all heats will advance to another heat. The other two cars will be eliminated from the Derby. They may be left, though, to be judged for the "Best Design Contest" to be held at various times during the session.

Car Inspection

Every car entered will be subjected to and must pass an inspection to the rules and regulations of Grand Prix Kit #17006 and the foregoing Blackhawk Area Council Pinewood Derby Car Regulations.

If the car does not meet the above specifications, it must be altered by a responsible adult or it will be disqualified.

PINEWOOD DERBY ENTRY FORM

Please Print All Information

District _____

Town/City _____

Pack _____

RACE ENTRY CATEGORY

CUB SCOUT'S NAME (PLEASE PRINT)

RACE DATE & TIME

**Do not write
in these columns**

1st Grade Winner _____

1st Grade Runner-Up _____

2nd Grade Winner _____

2nd Grade Runner-Up _____

3rd Grade Winner _____

3rd Grade Runner-Up _____

4th Grade Winner _____

4th Grade Runner-Up _____

5th Grade Winner _____

5th Grade Runner-Up _____

Total Number of Entries _____

OFFICIAL USE ONLY

NO DUPLICATION OF ENTRIES

I CERTIFY THAT THE ABOVE CUB SCOUTS AND WEBELOS SCOUTS HAVE FOLLOWED ALL RULES AND REGULATIONS SPECIFIED FOR THE B.A.C. PINEWOOD DERBY, AND THAT I HAVE PERSONALLY INSPECTED, AND HELPED BOX THE CAR HEREBY ENTERED IN THE B.A.C. PINEWOOD DERBY.

Pack Race Chairman or Cubmaster Signature

Date

NAME _____

____ Race Chairman ___ Cubmaster (check)

ADDRESS _____

CITY, STATE, ZIP _____

PHONE _____ - _____ - _____
(area code)

DON'T WAIT -- SEND IN RIGHT
AFTER YOUR PACK DERBY.....

Mail Entry Form to:

Blackhawk Area Council - Pinewood Derby
P.O. Box 4085, Rockford IL 61110

Check One:

____ Take from our account: ___ \$35.00 (before March 9, 2009) or ___ \$70.00 (after March 9, 2009)

____ Pack Entry Fee Enclosed: ___ \$35.00 (before March 9, 2009) or ___ \$70.00 (after March 9, 2009)

Pack Volunteer (to help at the council derby) Name _____ **Phone #** _____

RACE STARTING TIMES AND DATE WILL BE SENT TO THE ABOVE ADDRESS

NO GRAPHITING OR LUBRICATING ALLOWED AT PECATONICA HIGH SCHOOL

Pinewood Derby Car Order Form

Now is the time to order your pack's pinewood derby cars. Please order at least **two weeks** before you need the cars. You can order by mail, phone (815-397-0213), or FAX (815-397-7306).

Pinewood Derby Car Order Form

Pack # _____ District _____

_____ Pinewood Derby Cars (lots of 8 cars) @ \$3.24 each	= \$ _____
_____ Pinewood Derby Cars (7 or fewer) @ \$3.99 each	= \$ _____
_____ Derby String Pennants @ \$8.99	= \$ _____
_____ Pocket Certificate @ .10 each	= \$ _____
_____ Participation Ribbons @ \$4.49 (package of 10) each	= \$ _____
_____ First Place Ribbon/Medal @ \$2.89 each	= \$ _____
_____ Second Place Ribbon/Medal @ \$2.89 each	= \$ _____
_____ Third Place Ribbon/Medal @ \$2.89 each	= \$ _____
_____ Pinewood Derby lapel pins @ \$1.99 each (checkered and Cub Scout flags)	= \$ _____
Total of Order	= \$ _____

Note: prices are based on 2008 catalog and subject to change.

Send to:

Name _____
Address _____
City _____ State _____ ZIP _____

Method of Payment:

Check enclosed _____ Unit account _____ Credit card (Visa or MasterCard) _____
Card # _____ Exp. _____
Signature _____

Mail to Blackhawk Area Council, P.O. Box 4085, Rockford IL 61110
Attention: Melinda