

# CHISHOLM TRAIL DISTRICT, BSA PRESENTS... "A DAY OF RACING"

Who: ANY CUB SCOUT MAY ENTER REGARDLESS OF WHETHER OR NOT HE PLACED IN PACK RACE!  
What: **Pinewood Derby Race**  
When: Saturday, March 20, 2010  
Where: Chisholm Trail Expo Center, Enid

Registration: \$10/scout (includes patch and 1 adult entry to car show)  
Pre-registration taken at Scout office prior to March 17

#### Registration and Race Times

	Registration	Race
<b>Tigers:</b>	2:00pm	3:00pm
<b>Wolves:</b>	2:45pm	3:45pm
<b>Bears:</b>	3:30pm	4:30pm
<b>Webelos*:</b>	4:15pm	5:15pm (*Webelos I & II combined)
<b>FINALS:</b>		6:00pm



Cub Scouts will race against their own age-group (Tigers, Wolves, Bears, and Webelos). The winning car in each age-group will compete in the finals. Age-group and finals will be double-elimination. "Best of Show" awards will be made to one car within each age-group. Judging will include estimation of amount of youth participation in overall design and manufacture and will be conducted by non-biased judges selected from the community by the PWD Committee.

#### Pinewood Derby Rules (not guidelines)

- Cars must be made to race this year by a registered Cub Scout with the help and guidance of an adult. One car per Cub Scout.
- Cars must be made from official BSA Pinewood Derby kits following instructions supplied with kit.
- Wheels and axles cannot be altered in any way (except to sand ridge and burr off outer surface of wheel and to polish axles. shape of wheel cannot be changed). Wheel assemblies cannot have added bearings, washers, beads or hubcaps. The car shall roll on the wheels from the kit. The wheels shall turn about the axle nails from the kit. The axle nails shall be firmly affixed to the wood of the car body. The axle dimensions may not be changed substantially. The outside surface of the axle head (the non-contact surface) may not be changed substantially, such as, by polishing. It must be obvious to the judges that the wheels and the nails from the kit are being used. **No single axles allowed.**
- Race cars may be no longer than 7 inches, nor wider than 2 3/4 (2.75) inches, nor taller than 3 inches, as determined by the official gages during race day inspection. (Underside clearance of at least 3/8 (0.375) inches and inside wheel to wheel clearance of at least 1 3/4 (1.75) inches is recommended, so that the car will run on the racetrack. (Adequate clearance is the responsibility of the race car builder.) The entire car must stage behind the starting pin (i.e. the body must not be altered so that any part of the car reaches beyond the starting pin).
- Weight of car cannot exceed 5 ounces (total weight) as determined on the official scales during race day inspection. Cars at or under 5 oz at weigh-in will be considered registered and committed to the staging area. A maximum of 3 re-weighs will be allowed for alterations of cars to reach legal weight.
- Weights must be firmly attached to body of car. Weight may be added to the car and will be considered part of the car for purposes of all measurements. "Weight" is considered to be any material on the car that is not provided in the kit. All weight must be securely fastened to the car, e.g. by permanent glue, nails or screws, but not by "sticky substances", e.g. tape, or tack spray. Weights shall be passive, i.e. non-moveable, non-magnetic, non-electric, non-sticky, etc.
- Only dry lubricants such as graphite may be used on the axels.
- Car widths (at the axle) and wheel-base lengths (axle to axle) cannot be altered.
- No pre-racing before race on official track.
- Each car must be labeled with scout name, rank and pack number prior to being turned in on race day.

**For more information, contact the Scout office @ 580-234-3652**

The Pinewood Derby is being held in conjunction with the Cimarron Council's 12<sup>th</sup> Annual Car Show. The car show is from 9am to 5pm also at the Expo Center. Scouts and Scouters in uniform receive free admission to car show.

There will be concessions available so plan to come early and stroll through the cars and have a great day supporting your local Boy Scout Council!