

# 2010 Amangi Trail District Derby

Time and Place: **Saturday, March 6, 2010**  
9:00am - 11:30am registration  
12:00pm racing starts  
Sunset Mall Community Room

Registration Times: **All participants must be accompanied by at Least one Unit Leader.**  
9:00am - 11:30am **Championship Race Registration (Pack Level Winners Only)**  
**(\$5.00 Entry Fee)** Tigers, Wolves, Bears, Webelos I (3 participants per Rank)  
**Webelos II (3 participants) Must have raced as Webelos II in the pack derby.**

**Staggered Race Times: Race start times beginning with the Wolves are Tentative and Subject to Change.** The next race will start 5-10 minutes after the previous awards presentation.

Four Official Categories: 1<sup>st</sup> grade (Tigers), 2<sup>nd</sup> grade (Wolves), 3<sup>rd</sup> grade (Bears), 4<sup>th</sup> Grade (Webelos I) and 5<sup>th</sup> grade (Webelos II)

12:00pm Tigers Race & Tiger Awards  
1:00pm Wolves Race & Wolf Awards  
2:00pm Bears Race & Bear Awards  
3:00pm Webelos I Race & Webelos I Awards  
3:30pm Webelos II Race & Webelos II Awards  
4:00pm Championship Finals (1<sup>st</sup> place from Tiger, Wolf, Bear, Webelos I & II)  
4:30pm Championship Awards Ceremony

## General Guidelines:

- A timed format will be used.
    - All cars will race at least four (4) times.
  - All participants must abide by "Official Race Rules"
    - SEE RULES on the Website or call the Council Office
    - SEE Printed rules in Pinewood Derby Kits
  - The Championship Race will have 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup> Places
  - Recommendation: Bring your car in a protective box (Shoebboxes work nicely)
  - Rules are:
    - You must race the car that won at the Pack Level to enter the District Race. Only official Cub Scout Grand Prix Pinewood Derby wheels & axles are permitted.
    - It must not weigh more than 5 oz. and fit official size rules.
    - NO power assisted cars. Free wheeling cars only.
    - Limited alterations to broken or loose parts are okay.
    - See full championship rules
  - District Championship Race Officials have Final Authority
  - **Youth participants must be accompanied by a Unit Leader from their pack.**
- If you have any questions Please call Geoffrey Parker @ 655-7107 or 716-8601

# Championship Race RULES

1. Good Sportsmanship and behavior is expected. Safety first, but have fun!
2. The Championship Race is open to all Packs in the District (Already completing a Pack Race).
  - a) Must be present to Race Championship Car (the youth participant must be present for registration or the race if there are schedule conflicts)
  - b) All cars must comply with BSA Cub Scout Derby standards as stated in the pinewood kits.
3. All Scouts must register and have their car inspected to race. Registration closes at 11:30 a.m. Be On Time! [All participants must be accompanied by an Adult Leader for Registration.](#)

The first race will begin at 12:00pm. Cars will race in the order of 1<sup>st</sup> grade (Tigers), 2<sup>nd</sup> grade (Wolves), 3<sup>rd</sup> grade (Bears), 4<sup>th</sup> grade (Webelos I) then 5<sup>th</sup> grade (Webelos 2).  
Each car will race four times and winners will be determined the total time of all runs, excluding the slowest run
4. Scouts may enter only one car in the Championship Race. The car entered in the Championship Race must be the Original Car that raced at the pack level. (Pinewood Derby cars from previous years may not be used). [Each car entered to Race must be approved first by the Unit Leader and then District Officials.](#)
5. Cars entered in the District Championship must pass the following inspection to be eligible to race:
  - a) The width shall not exceed  $2\frac{3}{4}$  inches, length shall not exceed 7 inches, height shall not exceed 6 inches, and minimum ground clearance is to be at least  $\frac{3}{8}$  inch.
  - b) Weight shall not exceed 5 ounces. The race scale at check-in is the final authority on weight.
  - c) No shaped or formed nails may be used. No spring-loaded wheels are allowed.
  - d) Limited modifications are allowed. Repairing loose, broken or missing pieces, like weights, or wheels
  - e) Light filing to remove burs, sanding, polishing, of wheels and axels is permitted
  - f) All four wheels must be official Cub Scout Grand Prix Pinewood Derby wheels and must be in contact with the racing track and must lay flat upon the track— no 2-3 wheels touching only - no angling of axles to cause wheels to ride on edges is allowed. No shaping of wheels allowed.
  - g) Only dry powdered lubricants, such as graphite or white powder Pinewood Derby Car Lubricant, may be used. Oils and silicone sprays are prohibited.
  - h) Race officials will apply graphite to each wheel of all cars during registration.
  - i) The car must be freewheeling with no starting devices.
  - j) No loose materials of any kind are permitted in or on the car.
6. If a car fails to pass inspection the Scout will be told the problem. The Scout may correct the problem and resubmit the car for inspection within the registration time. A staffed repair pit will be provided.
7. After the car is inspected an official will take the car to the race table. After inspection Scouts may not touch their cars, except as outlined below.
8. Only race officials are permitted inside the track area, except for Scouts participating in that particular heat. Scouts are allowed to place their cars on the track if they desire.
9. If a car interferes with another car or jumps the track the heat will be run again. If it occurs a second time (before the finish line) the interfering car will be awarded a time of 9.999 seconds.
10. If a car breaks down and stays on the track the race results stand with a time of 9.999 seconds. The Scout is allowed at least 5 minutes to repair the car prior to the next scheduled race. If the car cannot be repaired in 5 minutes or before the next race the car is awarded a time of 9.999 seconds. Any car that needs to be repaired after inspection must be re-weighed and re-inspected prior to racing again.
11. If both cars in a heat fail to make it to the finish line, the cars will race again. If both cars again fail to make it to the finish line the car that made it furthest down the track will be awarded a time of 9.0 seconds the other car will be awarded 9.999 seconds.
12. All racers will be recognized. Awards will be given out for the top three places of each division. Championship participants will be awarded a Trophy.
13. District Race Officials/Judges have final authority. [\(Note: Race Officials will be from local Units\).](#)
14. If you have any questions please call Geoffrey Parker @ 655-7107 or 277-5712