

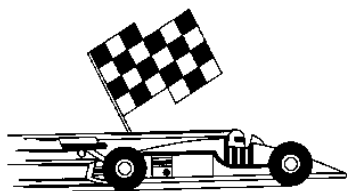


Boy Scouts of America  
Great Smoky Mountain Council  
Unaka District

## 2010 Cub Scout Pinewood Derby



## Official Schedule, Rules and Procedures



## Agenda

**Location:** Calhoun Elementary School Gymnasium  
150 Sherwood Ave  
Calhoun, TN

**Date:** Saturday, March 13, 2010

### Tentative Schedule:

7:30 - 9:30 am	Registration (ALL CLASSES)
9:30-10:00 am	People's Choice Voting
10:00 - 12:30 pm	Race Heats
12:30 - 1:00 pm	Awards Ceremony

### Entry Fee:

A sponsor has been found to cover the costs of trophies, so there will be NO entry fees for the scout!

### Lunch/Concessions:

A concession stand with light snacks will be provided, but packs or individuals can bring their own lunch or snacks if they wish.

### Volunteers:

Any adults interested in helping during setup, operation and clean-up times, please let me know! All assistance is appreciated!

For more information, contact Phil Seibert at (423) 336-9919 or Stan Weslowski at 336-9943.

## Official Rules

(1) The car must be newly built for the current Cub Scouting year by the Scout with parental help as needed. Only one car may be registered by any Cub Scout.

(2) All participants must be a registered Tiger, Wolf, Bear, or Webelos Scout. The

Cub Scout must be present in Class A uniform when his car is presented for inspection and registration and must be present throughout the race. Any Cub Scout who is not present when they are called for a scheduled heat will be disqualified for the remaining heats at the discretion of the official committee.

(3) Each car must pass inspection by the official committee before the car can compete. The decision of the committee is final.

(4) Once the Pinewood Derby Car has been accepted by the inspection committee, no maintenance of any kind is permitted, including additional lubrication.

(5) If a car becomes disabled during the race, it may continue until it no longer will go down the track or is eliminated.

(6) If a car leaves its lane, at his sole discretion, the Trackmaster may inspect the track and, if a track fault is found which probably caused the initial violation, the Trackmaster may order the race heat to be rerun after the track is repaired.

(7) If a car is damaged due to track fault, or

damage caused by another car or person, then the Trackmaster, at his sole discretion, may allow additional repair assistance and time to the Cub. The car shall be re-qualified for racing in accordance with the established rules.

(8) If, during a race heat, a car leaves its lane but proceeds down the track in a manner that does not interfere with its opponent, then the race will be called normally.

(9) If a car leaves its lane and interferes with another car, the non-offending car will be allowed to run the heat again for official time. The offending car will be given a “default” time for the heat.

(10) The Race Official's decision(s) in any race matter will be final.

## Car Specifications

**Width:** The width of the car may not exceed 2.75 inches.

**Length:** The overall length of the car may not exceed 7 inches.

**Weight:** The total weight of the car may not exceed 5 ounces.

**Suspension:** The car shall not ride on any type of suspension or springs.

**Wheels & Axles:** The wheels must be those supplied by the BSA in their kits or an after-market style made of the same plastic material, in the same style and of the same dimensions. The wheels may be trimmed to remove imperfections, but may not be

rounded, pointed, or thinned; the tread must remain original width (see diagram below).

No hubcaps (stickers on the outside of the wheel).

Axles must be the “nails” supplied by the BSA in their kits. “Bar axles” are not allowed. Axles may not be altered in any way, except for polishing. Wheel bearings, washers, and bushings are prohibited.

Wheel hubs (the part of the wheel that contacts the car) shall not be rounded, drilled, filed, or altered in any way.

**Wheel Base:** The distance between the front and rear axles should not be changed from

the kit body distance of 4 3/8 inches. If the axle grooves on the stock are not square, new grooves may be machined but the final distance between the axles may be no less than 4 3/8 inches nor more than 4 3/4 inches. The minimum width between the wheels must be at least 1.75 inches.

**Materials:** No loose materials (such as lead shot not encased) of any kind are permitted.

**Lubrication:** Only graphite or powdered Teflon "white lube" is allowed for lubricating the wheels.

**Car Body:** Car bodies must use the block of wood supplied in the BSA Grand Prix Pinewood Derby Kit; body may be shaped to

a custom design within the above specs. Body may be hollowed out and built up to maximum weight, provided all additions are securely attached.

**Details:** Details such as steering wheels, driver decals, paintings, interior details are permissible as long as the inclusion of these details does not exceed the length, width, weight, and ground specifications.

**Propulsion:** Gravity is the only allowed method of propulsion.

**Identification:** An official number will be assigned at check-in and must be clearly visible on the car.

