

Metro Pinewood Derby 2008
Rules and Race Procedures

A. Entrants for Metro Derby Race: (The boy and his parents/Responsible Adult)

1. Eligibility requirements to participate in the District Pinewood Derby for the Wagon Wheel, Soaring Eagle, and Lewis & Clark Districts are available on each District's website or by contacting respective District Pinewood Derby Chairman.
2. Entrants eligible to participate in the Metro "Race Off" will be the fastest car for each rank from the Wagon Wheel, Soaring Eagle, and Lewis & Clark District pinewood derby races.
3. ALL parties are eligible to participate in the Metro Open Class race.
4. Entrants in the Metro "Race Off" must be registered members of the District they are representing.
5. All entrants must be present before their car is placed on the track.
6. Good sportsmanship is expected at all times by everyone present at the race. Any violation may result in disqualification from the race.
7. The registration fee for District races and Metro Open Race is \$5.00 per car.

B. Car Construction:

ALL CARS must be from an Official Cub Scout Grand Prix Pinewood Derby Kit.

1. Car Dimensions, weight and clearances:

- a. Car construction must follow the rules included in the Pinewood Derby Kit.
- b. The car will not exceed 2-3/4" in width, and 7" in length.
- c. Car must be able to clear the track guides, if any.
- d. The maximum weight will be 5 ounces as measured on official race scale. Cars weighing more than 5 ounces, must reduced before they are accepted.

2. Wheels:

- a. Wheels must be the original shape as found in the Pinewood Derby Kit.
- b. The only work allowed to the wheels is to remove manufacturing defects such as burrs or injection flanges.

3. Axels:

- a. Wheels are to be mounted using the nails found in the Official Pinewood Derby Kit.
- b. No other type or styles of axels or any bearings, bushings, springs, or form of suspension may be used.
- c. For verification purposes, the nail points must be visible.

4. Lubrication:

- a. ONLY DRY GRAPHITE may be used as a lubricant for the wheels.

5. Fixtures and Accessories:

- a. No loose materials will be allowed on the cars.
- b. Fixtures and accessories must not extend beyond the dimensions stated in the car dimensions and weight section above. Any questions are at the discretion of the race officials.

C. Race Operations:

- a. Race results are based on the fastest average speed on each track the car is ran on. A Pinewood Derby Official will explain this briefly before each race.

D. Malfunctions:

- a. If a car suffers a mechanical failure, the individual will be allowed a short time period to make repairs under an adult guidance. If the car is not repairable, or if it becomes disabled a second time, it will be out of the race.

****ALL DECISIONS OF THE RACE OFFICIALS/JUDGES ARE FINAL****