



Official Rules

Before the Race

Car Dimensions

- The overall length of the car shall not exceed 7 inches.
- The overall width of the car shall not exceed 2 ¼ inches.
- The car must have 1 ¾" clearance between the wheels.
- The car must have 3/8" clearance underneath the body so it does not rub on the track.

Derby Car Weight Rules

- The car shall not exceed 5.0 ounces.
- The official race scale that is used at car check-in shall be considered final.

Car Modifications

- The official pine wood block must be used. The block may be shaped in any way that is desired with exception to the axle slots. Axle slots must not be moved.
- Official BSA wheels must be used. The wheels may not be cut, drilled, beveled or rounded. You may remove the seams and imperfections from the wheels.
- The axles may be lubricated using graphite.

Other Pinewood Derby Race Rules

- Once a car passes inspection and is entered into the race, **only derby committee members can touch it**. No modifications after cars are impounded.
- If the car loses a wheel, or is otherwise damaged, the racer shall have 5 minutes to make repairs.
- Each car must pass inspection by the official inspection committee before it will be allowed to compete.



Official Rules

Check-in

What to bring:

- Bring your completed pinewood derby car.
- Bring your parents!

Step 1: Pit Row

- Take a few moments to make sure your car is all set.
- Apply any last-minute graphite.
- Fix any issues at our pit row table.

Step 2: Weigh & Measure

- Your car will be weighed on the official derby scale. Must be 5.0 ounces or less.
- Your car will be measured. In short, it must fit inside the official derby “box”.

Step 3: Confirm registration

- We'll confirm your car's registration in the derby software.
- We'll give your car a number.
- We'll impound your car. At this point, **only derby committee members can touch it.**

Step 4: Get Your License

- Get your official derby driver's license!

Step 5: Vote

- Voting for best car, scout's choice, etc. Will be done electronically.



Official Rules

The Big Race!

Some Housekeeping

- All cars will be handled by derby committee members only.
- Class A's should be worn by all scouts.
- And most importantly, have fun!

1st Set: Scout Races

- We'll begin with racing all scouts.
- We'll race by den with a short break to reset in between.
- 1st, 2nd, and 3rd place winners for each den will be recorded when finished.

2nd Set: Parents & Siblings

- The next set of cars to race will be the Parents.
- Followed by Siblings
- 1st, 2nd, and 3rd place winners for parents and siblings will be recorded when finished.

3rd Set: FINALS

- The last set of races will be the finals.
- Finals will consist of the 1st place winners from each den plus the next two fastest racers for a total of 8.
- 1st, 2nd, and 3rd place winners overall will be recorded.

Awards

- We'll have a short awards ceremony and congratulate all the racers.