

Official Pinewood Derby Rules Qualified Racers from Districts

Car Specifications:

- Width -2 $\frac{3}{4}$ inches.
- Length -7 inches.
- Gross weight -shall not exceed 5 ounces.
- Width between wheels – 1 $\frac{3}{4}$ inches.
- Clearance between car bottom and track – no less than $\frac{3}{8}$ inch.
- Height -3 inches maximum (finish line gate will obstruct a taller car).
- Wheel base can be modified provided the front wheels do not extend past the front of the car itself.

Car Rules:

- All 4 wheels must be on the track at all times.
- Only dry type lubricant is permitted. (i.e. graphite).
- Only official Cub Scout Grand Prix Pinewood Derby wheels and axles are permitted.
- The car shall be freewheeling with no starting device(s).
- The entire car must line up behind the starting post.
- Weights must be fastened securely, and paint shall be dry.
- Wheel bearings, washers, bushings, and springs are prohibited.
- Wheels and axles may not be altered. Wheels and axles may be polished to remove imperfections. No changes to the size or shape of the wheels and axles are permitted.

Race Rules: Cars must be this year's construction and the car that won district race.

- A Scout must be present for their car to be raced. Exceptions may be granted by the Race Director on a case-by-case basis.
- Cars shall be inspected and weighed by race officials to ensure that all cars fulfill the race requirements. Once a car passes inspection, it will be impounded until its racing has been completed.
- Only Racers and Officials are permitted inside the impound or track areas.
- Races will be run by rank – Lion, Tiger, Wolf, Bear, Webelos, and Arrow of Light. Trophies shall be awarded for the top three racers in each rank group. Trophy winners will then race against each other for 1st, 2nd, and 3rd place for the Council Overall trophies.
- Protests and problems should be brought to the attention of the Race Director immediately. No protests will be allowed after the start of the next race.
- The Race Director, at their *sole* discretion, **may** take any actions they deem necessary for fairness, safety, and good sportsmanship. All decisions of the Race Director shall be final. The council will not mediate protests.