



## Thunderbird District 2019 Pinewood Derby Rules and Regulations

The following are the rules that each scout must follow in order to participate in the district pinewood derby event. Each car will be inspected at check-in to ensure they are in compliance with the below rules. Once approved and registered, the car will be placed at the standing table and will not be allowed to be touched until it is the scout's turn to race.

### Car Dimension Rules

- The overall length of the car shall not exceed 7 inches.
- The overall width of the car shall not exceed 2  $\frac{3}{4}$  inches.
- The car must have 1  $\frac{3}{4}$ " clearance between the wheels.
- The car must have  $\frac{3}{8}$ " 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 Not Allowed

- The official pine wood block must be used. The block may be shaped in any way that is desired.
- 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 altered, polished and lubricated.

### Other Pinewood Derby Race Rules

- Once a car passes inspection and is entered into the race, only race committee members can touch it.
- 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.
- The Inspection Committee has the responsibility to disqualify those cars that do not meet these rules.
- The Scout must be present to race.