

Lincoln Trails Pinewood Derby Rules

- Have Fun!!!
- Show good sportsmanship to all racers
- Racers should only use the items provided in the pinewood derby kit box (wheels, axles, wood block). Weights are allowed and any decorative items as long as they don't inhibit the car from operating on the track.
- **Overall specifications (not to exceed):** Width- 2 ¾" (outside of wheels), Length- 7" (nose to tail), Height- 6" (to avoid hitting the light sensors on the track)
- **Weight** – No more than 5 ounces (The official weigh scale used at weigh-in is the final determination of car weight)
- **Width between wheels** - 1 ¾" (to allow for the raised portion of the track)
- **Bottom clearance between car and track**- 3/8" (to allow for the raised portion of the track)
- **Wheels and axles**- must use the wheels and axles provided in the pinewood derby kit, no alteration or substitution of wheels is allowed. Wheels and axles must be put in the slots provided on the original wood block. No changing of the distance between wheels.
- Wheel bearings, washers, bushings, and springs are prohibited
- Only dry lubricant (graphite) is allowed
- Details, such as steering wheel and driver are allowed if they do not exceed the overall width or height specified
- The car must be freewheeling, no starting devices
- No loose material is authorized (no glitter please, unless glued down!!!)
- The front of the car cannot exceed the release gate pin

Conduct of the Race

- Double elimination race
- Cars will be assigned a number at check in/ weigh in. Once the car is checked in it will be secured for the race. No late check-ins allowed.
- Cubs will compete within their dens for 1st, 2nd, and 3rd place
- If a car breaks during the race the racer will be allowed to fix the car as long as they stay within the rules above and it is fixed by their next race. The car will be reweighed to ensure it still is at 5 ounces.
- Races will not be run again because a car fell off the track.
- Should two cars tie they will switch lanes and run again.
- If the timer malfunctions, the race will be run again with the cars in the same lanes.