



San Luis Obispo County 4-H

Pinewood Derby Race



San Luis Obispo County 4-H is proud to announce the San Luis Obispo County 4-H Pinewood Derby Race! All 4-H members, leaders, and parents are encouraged to participate. **Please contact Troy Good to Register at Troygood@gmail.com**

Race Day

June 3rd, 2023

4-H Field Day

Paso Robles Fairgrounds

Paso Robles, CA

Design, Build, Finish

Meetings will be held at the UCCE

Auditorium at 2156 Sierra Way in SLO

First meeting (Design) – March 18th, 2023

Second meeting (Check in) – April 29th, 2023

Third meeting (Finish) – May 20th, 2023

2:00-3:00 PM or as needed

Rules for Construction of Cars:

Each car must pass inspection by the official inspection committee before it will be allowed to compete. In order to race in the competition, the car must adhere to the following rules. If you have any questions about the rules, contact troygood@gmail.com

- Must use official Pinewood Derby kit supplied by Troy Good 3/18/23. **MUST BE a NEW BUILD.**
- The car weight shall not exceed 5.0 ounces. The official race scale shall be considered final.
- The overall length of the car shall not exceed 7 inches.
- The overall width of the car shall not exceed 2 ¾ inches.
- The overall height of the car must be not exceed 5 inches.
- The car must have 1 ¾" clearance between the wheels.
- The car must have 3/8" clearance underneath the body.
- The block may be shaped any way that is desired, but the wood provided in the kit must be used.
- The wheels supplied with the kit must be used. The wheels may not be cut, drilled, beveled or rounded. You may remove the seam from the wheels.
- The axles supplied with the kit must be used. They may be polished or lubricated.
- Wheel bearings, washers or bushings are prohibited.
- The car must be freewheeling, with no starting devices and must not ride on any type of springs.
- No loose material of any kind, such as lead shot, may be used, but details such as the steering wheel, driver, decals, painting, and interior detail are permissible as long as these details do not exceed the maximum length, width, and weight specifications.

In addition to the construction requirements, the following Racing Rules will be enforced:

- If, during a race, a car leaves the track without interfering with its opponent, it shall be considered to have ended its heat at that point.
- If a car leaves its lane, at his sole discretion, the track chairman may inspect the track and, if a track fault is found which probably caused the initial violation, the track chairman may order the race to be rerun after the track is repaired.
- If, during a race, no car reaches the finish line on the track, the car which went the farthest in its lane shall be declared as the heat winner
- If, during a race, a car leaves its lane and, in so doing, interferes with another racer, then the car at fault shall be declared to have lost the race heat.
- Only one car may be registered by any person in the Pinewood Derby.
- Only dry lubricants such as graphite or powdered Teflon "white lube" will be allowed for lubricating the wheels. Lubricants may not foul the track.

For more information

There are a lot of resources available on the internet for how to design and build cars, and tips for increasing speed.

A good place to start is on the official Pinewood Derby website: www.pinewoodderby.org