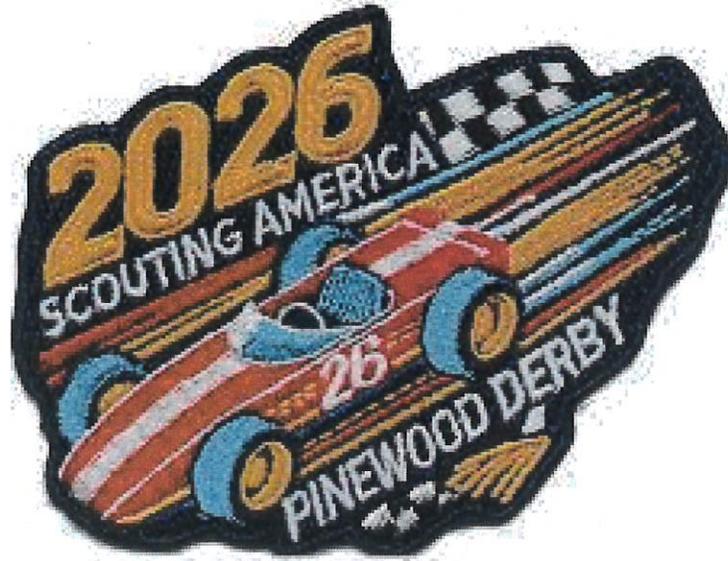


Loess Hill District Pinewood Derby - 2026

Pony Express Council, Scouting America



March 28th @ North Andrews Schools

(9120 Highway 48, Rosendale, MO, 9AM - 1PM)

Weigh-in - 9:00 AM

Races Begin - 9:30 AM

Open to - Registered Cub Scouts in the Loess Hills District, and their siblings.

Cost - Free to Cub Scouts & their families

Trophies - Trophies will be given to the top 3 winners for each Level

Race Format - Timed races will determine the fastest car from each age group. Each Cub Scout will race the same number of times as the other participants in that age group. There will be Lions (Grade K), Tigers (1st Grade), Wolves (2nd Grade), Bears (3rd Grade), and Webelos (4th and 5th Grade). There will also be a race for siblings of cub scouts.

Questions - 816-233-1351 or paul.combs@scouting.org

Rules:

To ensure the race runs smoothly, please ensure that your cub scout(s) follow ALL instructions from the race officials

- **General:**
 - Cars must be built from an official Pinewood Derby Kit #17006 from the National Supply Service, BSA. The basic block of wood, nails (axels), and the wheels must come from this kit.
 - Weight shall not exceed five (5) ounces on the official race scales
 - Width: maximum overall width shall not exceed 2 $\frac{3}{4}$ inches
 - Length: maximum overall length shall not exceed 7 (7) inches
 - Chassis must not be lower than $\frac{3}{8}$ inches (in order to clear all tracks).
- **Body:**
 - The front bumper of the car should be at least $\frac{3}{8}$ inches wide to allow for electronic timing of the race
 - No loose materials of any kind are permitted in or on the car. The car may be hollowed-out and built up to the maximum weight by addition of wood or metal only. All weights must be securely and completely built into the body of the chassis. Tapes, rubber bands, nails, or any temporary means cannot be used to attach decorations or weights to the cars.
 - Details such as steering wheels, driver, decals, etc. are permissible as long as those details do not cause the car to exceed the maximum dimensions or weight, and are permanently attached so they do not move.
 - The car must be freewheeling with no steering devices. The car may not ride on any type of spring.
- **Wheels:**
 - Thin or filled wheels are not allowed.
 - Light sanding of burrs and mold seams on the outside (circumference) of the wheels is allowed.
 - Tread markings must be visible on the sides of the wheels.
 - Wheel bearings, washers, and bushings are not allowed.
- **Nails:**
 - Chroming of nails is prohibited
 - Light sanding of burrs and mold seams on the inside of the nail head is allowed. Nail shaft may be polished.
 - Nail heads must not be recessed into the wheel.
 - Distance between the axles shall be as cut in the official Pinewood Derby Kit, with no more than $\frac{1}{4}$ inch deviation from the original placement on the official block
- **Lubricants:**
 - No lubricants may be used after the car is officially checked in.
- **Car Handling:**
 - After a derby car is registered, only the scout registering the car or a race official may touch the car.
 - After registration, the scouts and their cars will go directly to the pit area. Only race officials and registered racers are allowed in the pit area.
 - In the event of a breakdown, and after permission is secured from a race official, a sponsor may assist in repairing the car.