

CUB SCOUT

NETA PINEWOOD DERBY 2020

Saturday February 8th

South Elementary gym

132 Providence Dr SW

New Philadelphia, OH 44663

**Cost: \$1 per racer!!! Contact: Amy Heller:
amy.heller@scouting.org with any questions.**

All Cub Scouts are allowed to race in this event. They do not have to be the winner of their local pack derby to qualify.

Official Race Times

Den	Weigh In	Race Time
Lions	10:00 AM	10:15 AM
Tigers	10:30 AM	10:45 AM
Wolves	11:00 AM	11:30 AM
Bears	11:45 AM	12:15PM
Webelos	12:30PM	1:00 PM

*Please note the location change, the races will be in the food court area of the mall.

Outlaw Class* Immediately following Webelos

*Outlaws are for anyone else wishing to race a derby car
Pinewood Derby Rules

1. Length, Width, and Clearance

- Maximum overall width (including wheels and axles) should not exceed 2 3/4".
- Minimum width between wheels shall be 1 3/4" so car will clear the center guide strip.
- Minimum clearance between bottom of car and track shall be 3/8" so car will clear the center guide

strip. d. Maximum length shall not exceed 7". e. The wheelbase (distance between front and rear axles) may not be changed from the kit body distance of 4 1/4". Must use precut slots. f. No extra wood is to be used to build up cars. Use only the wood block furnished in the Scout Grand

Prix Kit. g. Leave slots open to see axles. No solid axles permitted. 2.

Weight and Appearance

a. Weight shall not exceed 5 ounces or 141.875 grams. The readings of the Official Race Scale will be considered final. The car may be hollowed out and built up to the maximum weight by the addition of metal only, provided it is securely built into the body or firmly attached to it. No loose materials of any kind are permitted in or on the car. b. Mercury shall not be used for adding weight, due to its potential health hazard. c. Details such as steering wheel, driver, spoiler, decals, painting and interior details are permissible as long as these details do not exceed the maximum length, width and weight specifications. Spoilers or car projections cannot extend past the starting pin on the race track. d. Cars with wet paint will not be accepted. e. Weight may be taken out of the car on race day, but no weight may be added to the car. 3. Wheels and Axles

a. Only the Official Scout Grand Prix wheels and axles may be used (be aware of wheels saying they are official pinewood wheels, anything bought in the Scout shop may be used on the car). b. Axles may be polished. c. Wheels may be lightly sanded to remove the mold projection on the tread. The light sanding is the ONLY wheel modification allowed. Beveling, tapering, thin sanding, wafering, or lathe turning of the wheels is prohibited. d. Wheel bearings, washer, or bushings are prohibited. e. The car shall not ride on any type of springs. f. The car must be free-wheeling with no starting device or other propulsion. g. No hubcaps, or colored stickers are allowed on the wheels. 4. Lubrication a. Only dry powdered lubricants, such as graphite, may be used. b. Cars may be lubricated before inspection. No further lubrication will be permitted. 5. Inspection and Disputes

a. Each car must pass inspection by the Official Inspection Team before it may compete. The inspection team has the right to disqualify those cars that do not comply with the Derby rules. Car owners will be informed of the violations and given an opportunity to modify the car to meet these rules. b. Any participant (including the parent or guardian of the participant) has the right to appeal in writing to the Race Committee for an interpretation of these rules. The Race Committee, by majority vote, will be the final judge of these rules. In the case of a tie vote, the decision of the Race Committee Chairperson will be final. c. Cars must have been made for this year. Cars made for a previous year are NOT permitted. d. Participants cannot race another child's car. Cubs must handle their own car during weigh-in and throughout the race. Parents or Guardians are not allowed to handle the cars during inspection, or following the approval.

Only Race Officials and cubs racing will be permitted to enter the track area. Sportsmanship is expected by all individuals present, poor sportsmanship will result in disqualification and forfeiture of prizes.

DO YOUR BEST!