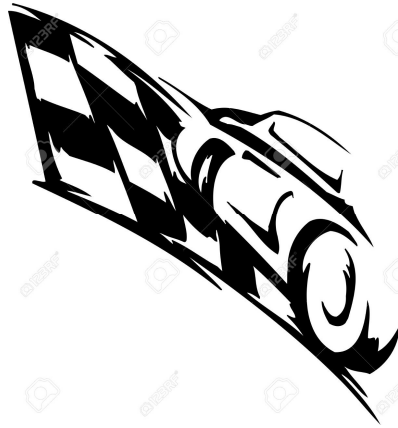




Lincolnway District

Presents:



“Scout Me In”

District Pinewood Derby 2023

Syracuse Elementary School
12799 N. Kern Road Syracuse, IN 46567
March 12th. 2021

OPEN To All Cub Scouts - K-5th. Grade

Pre-Registration is preferred <https://scoutingevent.com/157-66861>

- *Checkin: 6:00pm-6:45pm. Race to start immediately following.*
- *\$5 per Racer - Payments can be made through the above link or at entry. Please try to have an exact change. Checks to Awac. No Refunds*
- *Flag Ribbon for all Participating Packs- *Bring your own PACK FLAG for opening ceremonies and stands.* Top 3 in each Rank receive a trophy*
- *Concession stands will be available at a reasonable price.*
- *If unable to register online, email racers name and den information to awaclincolnwaydistrict@gmail.com and pay at the door (exact cash or check to AWAC)*

Pinewood Derby Lincolnway District RULES



- I. The race is open to all Registered Lions, Tigers, Wolves, Bears, Webelos and AOL in the Lincolnway District.
- II. Cars must conform to the National & DISTRICT STANDARDS as follows:
 - A. Width – outside, wheel to wheel, not over 2 $\frac{3}{4}$ " , also maintains 1 $\frac{3}{4}$ " width on wooden car bottom, where the metal axles are inserted. Distance between axles will not be lengthened or shortened and be 4 $\frac{3}{8}$ ".
 - B. Length – not over 7". Front of the car must be able to rest on a round starting pin (not an overly sharp point).
 - C. Height – not over 3 $\frac{1}{4}$ ".
 - D. Weight – NOT OVER 141.7 grams (5.0 Ounces)! Gram scale will be used. Any weights mounted on the bottom of the cars must pass clearance inspection gage. The recommended minimum clearance is $\frac{3}{8}$ ". The bottom does need to be as smooth as possible, especially nothing sharp sticking down. Any weight on the bottom of the car must be recessed into wood. The weights should not extend below the wood block. NO moving weights allowed such as mercury or lead balls inside the body. ALL weights inside and outside of the car to be fixed.
 - E. The front of the car must have a leading edge that will allow it to rest on the starting pin of the track or the car will be run backwards. A horizontal leading edge of half an inch wide is recommended.
 - F. No loose materials on the car or inside the body of the car.
 - G. Wheel bearings & Springs – no bearings, washers, bushings, hubcaps, or springs allowed. Inspectors must be able to see axles on both sides of the wheel.
 - H. Details – details such as steering wheel, driver, decals, and painting are permissible as long as the maximum length, width, height, and weight are maintained.
 - I. Inspection – each car must pass inspection by the Official District Inspection Team before it may compete. If a repair is made during the race, the car must pass inspection again before it is allowed to be raced again.
 - J. Wheels – any car, which has "wafering", narrowed, or rounded wheels, will be disqualified. The treads on one side of the wheel and the line on the other side must be clearly unaltered. You must only sand or file off the centerline where the wheel was molded. The original wheelbase must be maintained and only BSA wheels CAN be used!!
 - K. Lubrication – no oil, grease, nor silicone spray may be used on the axles or the wheels. ONLY "powdered graphite" is permissible, BUT NONE MAY BE APPLIED AFTER ENTERING THE FACILITIES. And the outside of the car and the wheels must be clean of any graphite, before reaching the inspection tables.
 - L. Due to Covid Only. If scout did not race in the Fall Cub o Rama 2020. They can use that car for the 2021 derby beyond that no old cars can be used or your scout will be disqualified.

Pinewood Derby Lincolnway District PROCEDURES

I. Procedures for the Cub Scouts who are racing: Parents read this to your scout before for the race, so that she/he understands it. "Cheer, Cheer and Guess what CHEER CHEER CHEER." Be an encouragement. WE are here to have fun.

A. Scouts when called by the announcer.

1. Move quickly to the "on deck" area and be seated.

2. When it is time for you to race, the announcer will call your name again.

Move quickly to the finish line to observe your race. NEVER cross over the track!

3. After your race is completed move back to your seat in the bleachers.

II. GENERAL PROCEDURES:

A. If a car does NOT finish a race:

1. The first time, the race will stop for a maximum of 5 minutes for repairs and the car will be allowed to re-run the heat.

2. The second time, the car will be considered a "DID NOT FINISH" and be in last place for that race.

B. If a car falls off the track:

1. The race will be re-run immediately.

2. If the car requires work:

a. Racing will stop for a maximum of 5 minutes for repairs.

b. If the car cannot be repaired in that time it will be eliminated from racing.

III. RACING PROCEDURES:

A. No car will run in the same lane twice.

B. After all cars have been run.

1. Results for that period may be announced. There will be a short intermission between heats.

2. The three fastest elapsed times in each age group will be declared the winners after all cars have raced the number of heats announced for that night.

Please NOTE: Each car is racing against the clock, not the cars next to them. The cars next to them may be of another age group. It is the time that counts, not how it looks on the track. All decisions made by race officials are final.

OUTLAW RACERS - Previous years' cars may be raced in the "Outlaw Class".

1. Cars should be made with the official BSA Pinewood Derby kit. Pre-cut car kits found at the scout office or craft stores may be used.
2. Cars must comply with the following specifications:
 - Weight: Cars must weigh no more than **8.0 ounces** as measured on the official scale at the event.
 - Width: The maximum width of the car, including wheels and axles, must not exceed 2-3/4 inches.
 - Height: The maximum height of the car must not exceed 3-1/2 inches.
 - Bottom Clearance: The distance between the bottom of the wheels and the bottom of the lowest point of the car other than the wheels must be at least 3/8 inch.
 - Width Between Wheels: The distance between the innermost edges of the left and right wheels must be at least 1-3/4 inches.
 - **Wheelbase:** There is no restriction on the distance between the front and rear axles.
3. The car design may be enhanced by the addition of other stable materials such as plastic or metal. Any additions must be firmly attached and meet car size requirements.
4. No part of the car may protrude beyond the starting peg or gate.
5. The following items are prohibited:
 - Starting devices or propellants (A starting device is something that alters the rotation or spin of the wheel.)
 - Electronic or lighting devices that interfere with the race electronics
 - Liquids, wet paint, oil, sticky substance, or powders of any kind (other than dry axle lubricant)
6. No part of the car, other than wheels, may be capable of contacting any part of the track, other than the starting peg or gate