



# 2023 Pinewood Derby District Rules

## Soaring Eagle District

### Heart of New England Council



#### 1. Car Modification

- a. **No modifications should be made to any car after their Unit Race.**
- b. All cars to be raced in the Soaring Eagle District Derby are to be impounded until the District Derby Weigh-in **Friday, March 24, 2023, between 6:00 and 8:00 pm.**
- c. Cars will only be handled by the Pit Crew on the day of the derby. If there is an issue with a car the Pit Crew will make modifications with parent supervision before running the heat again. (see Racing Rules and Awards for more information)

#### 2. Axle Lubrication

- a. **Only dry powder lubricant may be used;** other lubricants such as oils, teflon sprays, and silicone sprays are prohibited.
- b. Cars must be lubricated before inspection no lubrication will be allowed at the venue.
- c. Cars may not be disassembled (i.e. wheels removed) during lubrication.
- d. Once a car has been inspected, no further lubrication will be permitted.
- e. No graphite may be applied after inspection or during races.
- f. There will be no lubrication between rounds.

#### 3. District Pinewood Derby Event Entry

- a. **The race is open to 12 Scouts in each pack.**
- b. The Pack is encouraged to send 2 Cub Scouts in each rank of: Lions, Tigers, Wolves, Bears, Webelos and Arrow of Light Scouts. If there are not scouts to do this a Pack may select:
  - Their top 12 from the pack race regardless of the rank of the scout.
  - A top scout from each rank, and then the balance of 6 may be the other top finishers from the Pack, regardless of the rank of the scout.
  - 12 scouts in any other fashion they see fit, Scouts will race in the heat determined by Rank.
  - The Pack may register less than 12 if they wish.
- c. Arrow of light scouts are welcome to race even if they have crossed over.

#### 4. Fee

- a. A \$10 entry fee is required per racer.
- b. Registration (see form attached) is to be completed by Pack, not individual racer.
- c. Copy to be submitted with payment and also at check-in.

#### 5. Payment

- a. Made by **March 18, 2023**

- **Checks:** make payable to Heart of New England Council on the memo line enter your pack number and number of cars.
- **Credit Card:** Online registration and payment is available.
- **Pack Account:** Full payment can also be made via the Pack account. Please work with the Service Center to ensure full payment.

## 6. Car Check-In and Inspection

- a. **All cars MUST be brought in by the Pack** (an adult leader) to the on **Friday, March 24, 2023** between **6:00 and 8:00 pm**.
- b. Each car must pass inspection by the Official Inspection Team before it may compete. The Inspection Team has the right to disqualify cars that do not meet all rules.
- c. Car owners will be informed of why the car was disqualified, and will be given the opportunity to modify the car to meet racing standards.
- d. Cars that have not passed inspection by the close of the check-in period (**Friday, March 24, 2023 at 8:00 pm**), will not be allowed to race.
- e. Any participant has the right to appeal a decision to the Race Activity Workgroup for an interpretation of these rules. The workgroup, by majority vote, will be the final judge of these rules. In case of a tie vote, the District Chairperson will make the final decision.

## 6. Racing Rules and Awards

1. Race Day: **Saturday, March 25, 2023**
  - a. HEATS  
(Times may be adjusted based on the number of pre-registered scouts, by March 25, 2023.)

<b>09:00 am</b>	<b>Lions race</b>
<b>10:00 am</b>	<b>Tigers race</b>
<b>11:00 am</b>	<b>Wolves</b>
<b>12:00 pm</b>	<b>Bears</b>
<b>01:30 pm</b>	<b>Webelos</b>
<b>02:30 pm</b>	<b>Arrow of Light Scouts</b>
2. Only Race Officials {the "Pit Crew"} and scouts who are currently racing will be permitted into the track area. No one else is allowed unless approved by the Race Activity Workgroup.
  - a. If a car jumps off the track, that heat will be run again. If it consistently jumps off the track, and is deemed to have a mechanical problem, the problem will be dealt with accordingly.
  - b. If a car interferes with another car, that heat will be run again.
  - c. If a car suffers a mechanical problem (i.e. it loses an axle or breaks a wheel), a reasonable amount of time, as determined by the Race Activity Workgroup, will be allotted for repairs, and the heat where the failure occurred will be run again. This time may not be used to apply lubrication.
3. An electronic finish line will be used, and it will determine the winner of each race. Human judges will watch each race for any track or car malfunctions, **but will not decide the winner.**
4. Race format will be determined by the Race Activity Workgroup and published prior to the event.
5. Individual trophies will be awarded to the top **two** finishers in each rank, and a District Trophy will be presented to the Cub Pack with the fastest car.
6. Un-Scout-like and unsportsmanlike conduct by any participant, or spectator, is grounds for disqualification and expulsion from the competition and event area.