

Roadrunner District Pinewood and Lego Derby
March 20, 2021

For this event to be a success, we all must follow the following COVID Procedures. This includes the current Council guidance of personnel limited to groups no larger than 10 for an event. We are limiting in person attendance to only those running the event.

- When arriving to Camp, everyone must remain in their car. Race cars will be checked for weight and dimensions. If the car does not meet weight requirements, the Scout may make adjustments in their car and then resubmit.
- All vehicles will need to be race ready as there will not be a “pit area” on camp. Repairs will not be possible at check-in so please ensure cars are compliant with the race rules below before drop off.
- Everyone will enter the gate by the Ranger House, following along the road to the McGimsey House for PWD Car drop off and then exit out the same gate.
- The Derby will be Live Streamed so that Cubs can watch their cars in real time at **March 20th at 10:00 a.m.** The race will also be recorded for Cubs who cannot watch it live. Additional information on accessing the stream will be announced closer to the event.
- At the conclusion of the race, all cars and awards will be available for pick up between the hours of 1:00 – 3:00 p.m. on Saturday Afternoon at the Ranger Station. Any cars not picked up during this time will be taken to the Council Office where they will be available for pick-up. All winners will be recognized virtually at the Roadrunner District Recognition Event on April 10, 2021.

General Rules:

District Pinewood Derby race is open to all Cub Scouts to include: Lions, Tigers, Wolves, Bears, Webelos and AOL, Siblings, and Lego Racers. All Lego cars will need to be built ahead of time and meet the same weight requirements as the pinewood derby cars.

First, Second and Third place ribbons will be awarded for each rank, siblings, and Lego racers. If there are not enough cars in a rank to race separately, then those cars will race in the next rank level i.e. Lions and Tigers race together.

First, Second and Third Place Trophies will be awarded to the finalists. Finalists will consist of the first-place winners from each race category. Siblings and Lego racers will not compete in the District Finals.

All Lego racers will compete against each other and trophies will be awarded. **Please glue all Lego pieces together to prevent pieces from falling off the vehicle during the race. If pieces fall off of your car, they will be reattached, but may not be by the original design.**

It is recommended that you bring your Scout's car in a shoe box or similar type box for protection during impounding. Once the car is impounded, no further modifications will be allowed. Please have your Scout's name and Pack number on the box.

A \$5.00 entry fee per car upon registration on line, will be collected to help pay for awards. Paying an entry fee should NOT be a reason to not participate. It is necessary to register on line as to help enter your car in the computer. This will greatly speed up the registration process. Your car must be checked in and impounded by 8:00 p.m. Friday evening to participate in the race.

On line registration will close Thursday evening at 11:59 p.m. This will enable us to prepare for your arrival on Friday and prepare the race heats prior to the start of race day.

Car Dimension Rules:

- The overall length of the car shall not exceed 7 inches.
 - The overall width of the car shall not exceed 2 ¾ inches.
 - The car must have 1 ¼" clearance between the wheels.
 - The car must have 3/8" clearance underneath the body so it does not rub on the track.
- Details, such as steering wheel and driver are permissible as long as these details do not exceed the maximum length, width and weight specifications.

Derby Car Weight Rules:

- The car shall not exceed 5.0 ounces.
- The official race scale that is used at car check-in shall be considered final.
- It is recommended that you check the weight of your car at the post office prior to race day.

Car Modifications Not Allowed:

- The official pine wood block must be used. The block may be shaped in any way that is desired.
- Official BSA wheels must be used. The wheels may not be cut, drilled, beveled or rounded. You may remove the seams and imperfections from the wheels. All four wheels must be in contact with the track at all times.
- The axles may be polished and lubricated using only graphite. Wheel bearings, washers, springs, and bushings are prohibited.

Inspection and Impound Rules:

- All cars are to arrive "race ready".
- Once a car passes inspection and is entered into the race, only race committee members can touch it.
- If the car loses a wheel, or is otherwise damaged during the race, the race committee will attempt to make repairs without modifications to the vehicle.
- Each car must pass inspection by the official inspection committee before it will be allowed to compete.
- The Inspection Committee has the responsibility to disqualify those cars that do not meet these rules.
- After final approval, cars will not be re-inspected unless the car is damaged in handling or in a race.
- If, at registration., a car does not pass inspection, the owner will be informed of the reason for failure, and will be given time within the official weigh-in time period to make the adjustment.

Event Schedule:

Friday, March 19th

6:00 p.m. – 8:00 p.m. – Registration, vehicle inspection, and impound

Saturday, March 20th

8:00- 9:45 – set up the track, test virtual connections

9:50 – Opening and Welcome

10:00 - Racing begins

1:00 – 3:00 – Camp open to return cars and awards