

Arrowhead District 2017

Pinewood Derby Race



Saturday, February 25th at Harvey Drive Church of Christ
508 Harvey Ave., McAllen, TX. 78501

Cub Scouts will be racing their cars in 5 divisions ***Lion, Tiger, Wolf, Bear, and Webelos***. The race is open to all Cub Scouts that finish in the top 3 in their Pack for their respective division (*fastest 3 Lion, 3 Tiger, 3 Wolf, 3 Bear, & 3 Webelos from each Pack*). Trophies will be awarded to the top 3 finishers in each division.

The first place finishers in each division will race to determine the *Arrowhead District Grand Champion*.

Cost is \$12 per racer to help pay for trophies and patches.

Doors will open at 8AM. Car inspection & check-in will start at 8:15AM. Races will start with the Lion Scouts about 9:00AM. The Tiger Scouts will start racing after the Lion Scouts are done and then the Wolf, Bear & Webelos Scouts to follow. Trophies will be awarded at the end of all races. No onsite registrations.

The Grand Champion race will commence about 10 minutes after Webelos are finished. The racers will have a chance to lubricate their cars during the break.

Refreshments & snacks for a nominal fee.

We need to know how many racers will be coming to the district race and their names if possible. This will help us organize & speed up things for a smooth race day. Please register and have this information for us by February 23rd, 2017.

Don't delay, call today.

Please contact:

Josh Inguanzo 956-900-1820
e-mail: Josh.Inguanzo@scouting.org

Martin Knecht (965)492-3551
e-mail: knecht.family@att.net

To Register please go to www.riograndecouncil.org

Official Rio Grande Council, BSA Pinewood Derby Rules
ALL CARS MUST PASS INSPECTION TO QUALIFY FOR THE RACE
Following are the inspection points

1. The car weight shall not exceed 5.0 ounces. The official race scale shall be considered final.
2. The overall length of the car shall not exceed 7 inches.
3. The overall width of the car shall not exceed 2 $\frac{3}{4}$ inches.
4. The car must have 1 $\frac{3}{4}$ inch clearance between the wheels.
5. The car must have $\frac{3}{8}$ inch clearance underneath the body.
6. The wood provided in the kit must be used. The block may be shaped any way that is desired.
7. The wheels supplied with the kit must be used. The wheels may not be cut, thinned (the diameter of the wheel must not be changed at the axle) or drilled. You may remove the seam from the wheels.
8. The axles supplied with the kit must be used. They may be polished or lubricated.
9. Wheel bearings, washers or bushings are prohibited.
10. The car must not ride on any type of springs.
11. The car must be freewheeling, with no starting devices.
12. No loose material of any kind, such as lead shot, may be used. 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 specifications.
13. The car may have no moving parts.
14. If, during a race, a car leaves the track without interfering with its opponent, it shall be considered to have ended its heat at that point.
15. If a car leaves its lane, at his sole discretion, the track chairman may inspect the track, and if a track fault is found which probably caused the initial violation, the track chairman may order the race to be rerun after the track is repaired.
16. If, during a race, no car reaches the finish line on the track, the car which went the farthest in its lane shall be declared as the heat winner.
17. If, during a race, a car leaves its lane and, in so doing, interferes with another racer, then the car at fault shall be declared to have lost the race heat.
18. Construction of ALL entries MUST have begun AFTER last year's races.
19. Only one car may be registered by any person in the Pinewood Derby.
20. Only dry lubricants such as graphite or powdered Teflon "white lube" will be allowed for lubricating the wheels. Lubricants may not foul the track.
21. Only one lubricant is allowed before CHECK IN.
22. Details such as the steering wheel, driver, decals, painting, and interior detail are permissible as long as these details do not exceed the maximum length, width, and weight specifications.
23. The cars can no longer be touched once check in is complete and the car has been turned over to the inspection committee.
24. The official wheels and axles must be used from the Cub Scout Pinewood Derby Kit