



January 24, 2019

Dear Scouts, Scouters and Parents/Guardians:

It's time again to prepare for the Pinewood Derby. The Blue Ridge District Derby will be at Hardin Park Elementary School gymnasium on March 23rd. The goal of the event is for the cubs to do their best, for everyone to show good sportsmanship, and for all to have a lot of fun. All registered Cub Scouts in the district are welcome to participate. **Cub Scouts registration for the event is free, but a \$5 donation per family is strongly suggested to help offset the cost of this event (awards and equipment maintenance).** Donation checks should be written to Old Hickory Council.

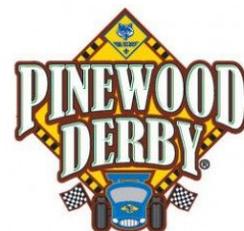
The derbies will use a ladderized golf score elimination system and computer software which creates a set of randomized 3-car races. The winner of each heat scores 0 points, the second place car scores 1, and the third place car scores 2. At the end of each heat, all cars which have accumulated 6 points are eliminated. This system guarantees each car will race at least three times, and usually several more. The software attempts to place each car in a different lane and race against different cars in each heat to minimize any effects of lane bias. We will have two computers this year and will be registering each group during the previous groups' races. The schedules are as follows:

Cub Scouts

Age	Registration Begins	Races Begin
Kindergarden and 1 st Grade <i>(Lion and Tiger class)</i>	9:40 AM	10:00 AM
2 nd Grade <i>(Wolf class)</i>	10:05 AM	10:30 AM
3 rd Grade <i>(Bear class)</i>	10:35 AM	11:10 AM
4 th - 5 th Grades <i>(Webelos class)</i>	11:15 AM	11:50 AM

Old Hickory Council
6600 Silas Creek Parkway
Winston-Salem, NC 27106
336.760.2900
www.oldhickorycouncil.com

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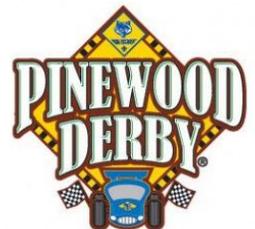
1st, 2nd and 3rd place in each division will be awarded a trophy. All participants will receive a patch or ribbon. Remember, the point is to do your best and have fun. Unsportsmanlike conduct is unacceptable, especially on the part of adults in front of the children.

Part of the greatness of Pinewood Derby is that cubs get to work with dad or mom or another adult to make a car. Please remember that the competition is between the cubs, and that safety is first. Allow your cub to take the lead in designing their own car. He should do his own sanding, painting, etc. with assistance as needed – the Scout builds the car, not the grownup. Remember, Cub Scouts are not allowed to operate power tools, except Webelos may use a jigsaw with close adult supervision. Adults may otherwise assist with cutting out the body of the car. This is an excellent opportunity to teach your Scout about tool safety.

Please direct any questions to ambermellon@gmail.com.

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2019 Blue Ridge District Pinewood Derby Rules

1. Participants and parents are not allowed inside the track area.
2. Each participant may enter only one car.
3. The car must have been constructed after April, 2018. You may not race a car from a previous year.
4. The car must be constructed from an official BSA Pinewood Derby kit, usually available at Lowes Hardware, the Scout Shop in Winston-Salem, Michaels, or ScoutStuff.org. You may add additional materials. Check with your Cubmaster before buying a kit. Some packs order the kits together.
5. The car must have four official BSA wheels and axle nails. The axle positioning must be the same on both the left and right sides of the car. No axle can be closer than 0.81 inches from the closest end of the car, and the axles on the same side must be exactly 4.40 inches apart.
6. The maximum length of the car is 7 inches.
7. The maximum height of the car is 3 inches.
8. The maximum weight of the car is 5.0 oz.
9. Minimum underbelly clearance is 0.325 inch. A stock pinewood derby kit has a clearance of 0.504 inch. You may attach weights to the bottom of the car; however, any weights exceeding 0.125 inches in thickness risk dragging the track.
10. The minimum wheelbase of the car is 1.75 inches, measured between the inside edges of the wheels.
11. The maximum width of the car is 2.75 inches, including wheels.
12. You may add additional decorative components and weights to the car, but parts must be securely attached. Common methods of weighing the car include using stick-on weights or lead sinkers. Be sure to wash hands thoroughly after handling lead weights.
13. You may lubricate the car only with powdered graphite. Graphite will be provided at the race. It is also available at the key cutting stations at Wal-Mart and Lowes (it is commonly used to lubricate lock tumblers). You may not use any other lubricant (WD-40, etc).
14. You must check in before the race. Cars will not be accepted until they comply with the above rules.
15. Once checked in, the cars may only be handled by race staff until the racing is completed, except as noted below.
16. If one car leaves the track during a race, it will be scored third. If two cars leave the track during a race, they will be re-raced to determine second and third. If all three cars leave the track, the race will be re-run.
17. If a car has a mechanical failure, the participant will be given the opportunity to repair it if the car has not yet been eliminated. Repair time cannot exceed the time between races, however.
18. Please stay through your entire division races. All participants will receive recognition and must collect their cars.
19. Unsportsmanlike conduct has no place at Pinewood Derby. Everyone is a winner if he does his best. Race officials will do their best to be fair and impartial.

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