

2020 Robert L. Scott District Pinewood Derby
Saturday, March 21, 2020
Sacred Heart Catholic Church (Gymnasium)
300 S. Davis Drive, Warner Robins, GA
SCHEDULE OF EVENTS- PINEWOOD DERBY

Friday Night, March 20, 2020 at 6:30 PM

- **Track set-up**
 - Adult & Boy Scout/Venture volunteers welcome to help, please contact Kevin Hall kevin@wpmlegal.com if you are interested in helping.
- **Early Car inspection**
 - **Register early to avoid the crowds**
 - Cars will be qualified per inspection rules, numbered, and impounded for the race (if it qualifies)
 - If your car doesn't pass, you will have all night to fix it!

Pinewood Derby Saturday, March 21, 2020 at 8:30 AM until done:

- Car inspection and check-in will happen from 8:30-9:30 a.m. No cars will be allowed to check-in once the race starts so please arrive early.
- Classifications:
 - Lion – Any Lion Scout
 - Tiger – Any Tiger Scout
 - Wolf – Any Wolf Scout
 - Bear – Any Bear Scout
 - Webelos – Any Webelos I or Webelos II Scout
- **CHANGE TO RACE HEATS:** We are keeping with the changes made to the heat schedule in 2017. We will not run by individual heats by rank. All cars will run at the same time. This is being done to make the derby operate more smoothly and with less down time between heats.
- Refreshments plan to be sold the day of event. Please bring water.

Awards

- Class Speed – A medal will be awarded to the 1st, 2nd, and 3rd speediest cars in each class (total 15 awards) – To be awarded at the conclusion of the derby.
- Overall District Speed: A trophy will be awarded to the 1st, 2nd, and 3rd speediest car of all classes (total of 3 awards) – To be awarded after conclusion of all racing
- Other Awards may be announced at race, based on available funds to purchase awards. Awards may include but are not limited to Best in Show by class, Best in Show Overall, Turtle Award, and District Executive's Choice.

2020 Robert L. Scott District
Pinewood Derby Rules

- 1) HAVE FUN!
- 2) All cars MUST be built for the 2020 Pinewood Derby Racing Season. NO REPEATS or REPAINTS.
- 3) Cars must be tuned or aligned by the racer with proper adult supervision is encouraged. Cars may not be sent to third party facilities for tuning or other performance enhancements.
- 4) The owner of the car must be present on race day or car will be disqualified.
- 5) A "driver" must be a registered Cub Scout or Webelos.
- 6) Only one car may be registered per driver
- 7) All cars must pass inspection to qualify for the race:
 - a) If, at registration, a car does not pass inspection, the owner will be informed of the reason for failure, and will be given a few minutes to make the adjustment and be re-inspected.
 - b) After final approval, cars will not be re-inspected unless the car is damaged in handling or in a race.
- 8) Car Inspection Specifications:
 - a) Axles, wheels, and body wood shall be those provided in the official Cub Scout Pinewood Derby kit
 - b) Car must be built for either *this* year's Pack and/or District Pinewood Derby (cannot use last year's car)
 - c) Weight shall not exceed 5 ounces
 - d) Width shall not exceed 2 3/4 inches overall
 - e) Length shall not exceed 7 inches overall
 - f) Height shall not exceed 3 inches overall
 - g) If weights are installed on bottom, recess into wood by at least their thickness, including fastener heads. Failure to do this will result in dragging on track and slower car or unable to complete race.
 - h) Wheel and axle modifications are limited to flashing removal, polishing, and roughing wheel tread. Substantial shape change, tread narrowing, or profile change of wheels is prohibited.
 - i) All four wheels must touch and roll on a flat surface! (please check this before gluing down axles)
 - j) Axles must be mounted square in precut slots provided in the kit without body narrowing or widening in the vicinity of the axles (e.g. changes to wheelbase, wheel spacing, or caster/camber are prohibited)
 - k) Axles may be secured in wood slot with a small amount of glue if desired (Elmers wood glue is good for this. Allow adequate drying time before the race!)
 - l) The car must be freewheeling, with no starting devices.
 - m) Only dry lubricant is permitted. (Graphite or dry moly)
 - n) Wheel bearings, washers, and bushings are prohibited.
 - o) The car shall not ride on any kind or type of springs.
 - p) The car may not be 'notched'.
 - q) Any details added must be within length, width, and weight limits and securely attached
 - r) No loose materials of any kind (such as lead shot) are allowed in or on the car.
 - s) The official District car number assigned at registration will be written on an adhesive sticker and affixed to the car (**done at registration/inspection**). Clear tape may be applied *by the race registrar* to secure this adhesive sticker before inspection.
- 9) Cars will be impounded immediately upon passing inspection. Drivers are not to touch cars after passing inspection or during their class race.
- 10) Each driver will race 8 total heats (twice in each lane). The fastest and slowest times for each driver will be dropped, with the remaining 6 heats being averaged for a total time and speed.
- 11) All speeds are determined by race software/timer values (fastest average time per car).
- 12) Each heat will be announced. Drivers in that heat will report to the "driver" area next to the track during their race.
- 13) The starter will make sure the cars are on the track properly and then will start the race.
- 14) If a car leaves the track, runs out of its lane, interferes with another car, loses an axle, etc., the race will be rerun. If the same car gets into trouble on the second run, the car is disqualified and loses that race. If, on the second run, another car is interfered with, the race will be run a third time without the disqualified car.
- 15) Class speed awards will be announced shortly after the conclusion of the derby. The class winning drivers will report to the award stage for the awards as their names are called.

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 300 S. Davis Drive, Warner Robins, GA**

Registration Form

All registered cub scouts can race. Scouts may check-in cars on Friday night, March 20, 2020, or Saturday, March 21, 2020. Cars must be checked in prior to the start of the race. No cars will be allowed to enter once the race starts.

Early Registration is highly encouraged for the Pinewood Derby. Please send registrations to the council office by Monday, March 16, 2020. Registration fee is \$10 per scout for each race.

**Central Georgia Council
 RLS Pinewood Derby
 4335 Confederate Way
 Macon GA 31217**

Pack: _____ Contact Name: _____

Contact Phone: _____ Contact Email: _____

Derby Registration: \$10 per scout X _____ (# of scouts) = \$ _____

Pinewood Derby Roster

<i>Scout</i>	<i>Rank</i>
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	
12.	
13.	
14.	
15.	
16.	
17.	
18.	
19.	
20.	

Total: _____