



2017-2018 MAWAT DISTRICT PINWOOD DERBY PROCEDURES

Note: The District DOES NOT HAVE tools to repair any car.

1. To be eligible to enter the MAWAT District Pinewood Derby, every boy must be a currently registered Cub Scout or Webelos Scout in the MAWAT District. Tiger Cubs are eligible to enter the District Derby in a special Tiger Division. Each Pack may also select two family racers to participate in a family race (i.e., non-Scout) race for speed only. All Cub Scouts, including Tigers, may be entered in only one category. The categories are: Fastest, Most Beautiful, and Most Original. **Most BEAUTIFUL CAR will be judged on CRAFTSMANSHIP / WORKMANSHIP. Most ORIGINAL CAR will be judged on UNIQUE / INNOVATIVE DESIGN.**
2. Cars must be constructed during this Scouting year. The car must not have competed in any previous District Pinewood Derbies.
3. Cars should not be altered in appearance or otherwise modified between the Pack Derby and District Derby.
4. PARENTS or CUBMASTERS may register cars, the **registered Scout must race the car.**
5. **EACH CAR MUST PASS INSPECTION** before it can be entered into the Derby, regardless of the category in which the car will compete.
6. ALL WHEEL and AXEL LUBRICATION must be completed BEFORE inspection and registration.
7. ALL CARS will be placed on a table and must not be handled by anyone except the owner of the car. The car "owner" will be allowed to touch his car only when he is racing. Judges and other race officials may handle the car, but only when it is necessary.
8. Rulings from the Inspection Committee, Race Officials, and District Judges are final.



9. The District race will use a track and an electronically controlled computer system which is to be provided by, and under the control of, the host pack. The fastest cars will be determined by competition heats and will run in elimination heats for the overall winner. All cars will be raced on each available lane during all heats. Should there be a failure of the computerized timing system double elimination will be used. If double elimination is used a car will have to lose against two different cars to be out of the race (Unless the two cars in the finals have no losses, then one car must lose to the other twice to be eliminated).

10. Heats consist of each car racing on each available track by alternating with the other cars competing in that electronically timed heat. (For double elimination, if required, there will only be two cars racing.)

11. Using the electronic timer and averaging the overall time of that car racing on the available tracks in a heat, the highest average speed will determine the heat winner. This means that even though a car may not win that heat, its time may be one of the 12 highest speed cars in the race, then that car will compete in the finals.

12. If you win a heat, this alone does not qualify the Scout for the final 12. The highest average speed alone makes this determination. However, if the electronic timing device fails and the race is run by double elimination, then if cars tie, or there is an uncertainty as to which car crossed the finish line first, both cars will be considered winners and put back in the drawings.

13. If a repair becomes necessary, repair time is 2 (two) minutes only, and only 1 (one) repair is allowed per contest.

14. The balance or scale (for weight) and the box or any other measuring device used at the District Level is the standard for the District Pinewood Derby. Weight may be reduced in order to meet specifications, but weight may not be added.