

THINGS TO KNOW ABOUT THE DISTRICT PINEWOOD DERBY

1. Each car must be made using an official Boy Scouts of America, Cub Scout Pinewood Derby kit. The participating car must be made in accordance to the rules in the official Cub Scout Pinewood Derby kit.
2. The 2010 Eastern District Derby will be held April 10, in the old gym at Jackson Academy located on Ridgewood Rd. in Jackson. Registration will begin at 9:00 a.m.
3. Each boy will have his Pinewood Derby car inspected, weighed, measured, and assigned a number for the races.
4. Their car will then be placed on a table with the cars of others in their age group.
5. If a boy needs to make any changes or alterations to his car (such as graphite to the car wheels), this must be done prior to registration.
6. When the races begin, the cars will race in four groups:
 - A. Tiger
 - B. Wolves
 - C. Bears
 - D. Webelos
7. Each car will race two times per heat, once in each lane.
8. If, during a race, a car does not make it down the track to the finish line, it will automatically be named the 2nd place finisher of that race; however, it will be allowed to go to the "pit table" for assistance before the next race.
9. If, during a race, a car jumps the track, the race will be rerun once; however, a second time will be an automatic second place.
10. At the finish of each group race, the three fastest cars for each age group will compete in a final runoff for 1st, 2nd, and 3rd place overall.

NOTE: ALL JUDGES DECISIONS ARE FINAL!!!!

THIS SCOUT ACTIVITY WILL BE FAIR, FUN AND TAKE LESS TIME WITH THE COOPERATION OF EVERYONE PRESENT. PLEASE REMEMBER THAT THE EMPHASIS OF THIS ACTIVITY IS THE BOYS' ENJOYMENT, NOT WINNING PRIZES OR TROPHIES.

THANK YOU FOR YOUR HELP

PINEWOOD DERBY RULES

The rules set down below are aimed at giving each boy a fair chance to win. Let us not forget that two of the main goals of the race are to have FUN and to provide a project that a boy and his parents can work on together.

The Pinewood Derby race is governed by two sets of rules: car building rules and competition rules. The rules are below.

CAR BUILDING RULES

The Kit- The car should be built in the same racing year from the official Boy Scouts of America, Cub Scout Pinewood Derby Kit. Unofficial kits will not be accepted.

The Car Body- This is a Pinewood Derby race for wooden cars. Molded metal bodies over wooden frames are beyond most parent/son teams; therefore not acceptable. This rule does not prevent adding metal to the car to increase its weight. Only paint, other decorations (stickers), and lead weights are the only objects allowed on the car that does not come with the kit.

Wheels- Only the official wheels supplied with the official Cub Scout Pinewood Derby kit are acceptable. Cars with modified or old style wheels will be disqualified. Modifying the wheels could allow the car to interfere with cars in adjacent lanes.

Axles and Axle Supports- The official kits provide a nail axle and may provide a wooden axle support. Wheel bearings, washers, and bushings are prohibited. Substitutions of oversized nails, screws, or non-wooden axle supports are prohibited. Axles must be placed in the pre-cut grooves. If there is an existing condition that requires new holes to be used to secure the wheels, the inspector must approve the repair prior to the beginning of the race. All non-approved modifications will be disqualified.

Physical Dimensions- Overall dimensions must not exceed the specification for the kit: 2 3/4" wide x 7" long.

Weight- The car weight shall not exceed 5 ounces (141.75 grams). No loose materials of any kind are permitted in the car. The car may be hollowed out and built up to the maximum weight by additions of material such as wood or metal provided it is securely attached or built into the body or chassis. The weights must not be taped on.

Springing- The car shall not ride on any type springs. The car must be freewheeling with no starting devices.

Lubrication- The wheels and axles may be lubricated with powder graphite only. No lubrications will be allowed following the completion of the registration process.

Track Clearance- Track clearance is specified as 3/8" even though the lane strips are only 1/4". The extra clearance is to allow the car to go from the sloped portion of the track to the flat portion without dragging.

Inspection- Each car must pass inspection by the official inspection committee before it may compete. The inspectors have the right to disqualify those cars that do not meet these specifications. Once weighed, cars may only be touched to place on track. No other adjustments can be made.

CONTEST RULES FOR EASTERN DISTRICT

- Only 3 boys from each age group (Tiger, Wolves, Bears, Webelos) in each pack are eligible to advance to the district derby.
- Boys will race within their own age group,
- In all cases, the decision of the judges will be final and are not subject to argument. If the judges cannot agree, the race will be re-run.
- Date and time of the Eastern District Pinewood Derby Race: Saturday, April 10, 2010. Registration starts at 9:00 a.m. and racing begins at 10:30 in the Jackson Academy old gym.