

Wo-Ha-Li District Pinewood Derby

Saturday, March 4, 2017

REGISTRATION BY PACK ONLY, NOT BY INDIVIDUAL CUB SCOUT

The Wo-Ha-Li District Pinewood Derby will be held on March 4, 2017 at the Pollard United Methodist Church (3030 Copeland Road). Each Pack will need to register their participants by **February 28th** (at the Scout Service Center), with a fee of \$5.00 per car. If your pack does competition by the Den then cars are qualified to be in the district derby if they placed first or second in speed or style in their Den competition. If a Pack has more than one den in a rank, then each den can qualify and send two cars in speed and two cars in style. If your pack does competition by rank then the pack can send two cars in speed and two cars in style for each den within a rank. If a pack has three dens within a rank they can send six cars in speed and six cars in style for that rank. A car cannot be registered in both speed and style categories. If they would qualify for in both speed and style for District Pinewood Derby, they must choose which category they wish to enter at the race. Another scout then may be placed into the category they decide not to compete in. Scouts must be present to compete in the District Derby. Should the Scout be unavailable to make the race, the 3rd or 4th place Scout may take their place.

Friday, March 3, 2017 (Setup) 6:00PM – “usually takes about an hour or two”

- Please come help setup up the track at Pollard. Any adults helping with setup will be allowed to use to track to test their car.

Saturday, March 4, 2017 (Check-in starts at 8 AM)

** Weigh in starts: 8:00 AM & ends 9:00 AM. Come early...Everyone can't check-in at 8:45, especially in Speed Competition!

Please arrive early.

** Speed racing starts: 9:20 AM with Tiger and Wolf Cubs.

** Races will run back-to-back.

** Awards Announcements: **All Style trophies will be awarded after the Webelos race. All speed trophies will be awarded after all races are finished.**

- Open division is sure to provide lots of fun and excitement for all!! See rules for who can participate in the division.

ADDITIONAL INFORMATION

Guidelines and information for construction of the Pinewood Derby Car are attached. Many of the requirements are established so that the cars will operate properly on the track. **Only Boy Scouts of America Pinewood Derby Car Kits may be used.**

****All Derby Cars must have been made by the cub and adult. No premade or store bought cars** A scout is trustworthy.**

THESE EVENTS WILL BEGIN ON TIME!

When you arrive for weigh-in:

Step #1: Register your car at the registration table, giving your name, pack number and rank. Each Scout will give their car a name.

Note: Lions may be combined with Tigers if less than 3 register for both Speed and Style.

Step #2: Hand your car to the technical inspector at the inspection table. He/she will weigh and measure your car to be sure it meets the rules supplied. Inspected cars will be given a race control number (stick on label).

Step #3: We will place your car on the "Racing Pit" table for your rank. Please be cautious and do not touch the cars. You may look at the cars from behind security tape.

Step #4: Style judging will begin promptly at 9:30. All cars must be in place by that time.

Step #5: Once a car has been given to the inspector, it will not be available for modifications, including applications of graphite. If the car is damaged during racing, the technical inspector will assist with the repairs. The decision with the good judges will be based on our rules and I am sure you will all support their decisions with good Scouting sportsmanship. Good Luck and Have a Great Time!!

Jason Keeling – Event Chairmen email at keelingj@gmail.com

Registration Form

(Pollard United Methodist Church-3030 Copeland Road-Tyler

REGISTRATION BY PACK ONLY, NOT BY INDIVIDUAL CUB SCOUT

PACK NUMBER: _____ CONTACT PERSON: _____ PHONE #: _____

TIGERS: SPEED

TIGERS: STYLE

OPEN DIVISION: STYLE

WOLVES: SPEED

WOLVES: STYLE

OPEN DIVISION: SPEED

BEARS: SPEED

BEARS: STYLE

LIONS: SPEED

WEBELOS 1: SPEED

WEBELOS 1: STYLE

LIONS: STYLE

WEBELOS 2: SPEED

WEBELOS 2: STYLE

Total number of Cars registered _____ times \$5 per car = \$ _____ Amount enclosed

Remit completed form and fees to:

**East Texas Area Council
1331 E. Fifth Street
Tyler, Texas 75701-3415**

Pinewood Derby Rules

1. LENGTH, WIDTH, HEIGHT, & CLEARANCE

- a. Maximum overall width (including wheels, axles or other parts) shall not exceed 2-3/4".
- b. Minimum width between wheels shall be 1-3/4" so the car will clear the center guide strip.
- c. Maximum height shall not exceed 4-1/2" in order to clear the race timer.
- d. Minimum clearance between bottom of car and track shall be 3/8" so the car will clear the center guide strip.
- e. Maximum length shall not exceed 7".
- ★ f. No part of the car can extend beyond the "release peg" at the beginning to the track. This rule is normally associated with the "inverted V" design cut into the hood of the car. Any wire used to close the V must mount flush to the top surface of the car. No raised wires.

2. WEIGHT AND APPEARANCE

- a. Weight shall not exceed 5 ounces. The readings of the Official Race Scale will be considered final. The car may be hollowed out and built up to the maximum weight by the addition of wood or metal only, provide it is securely built into the body or firmly affixed to it. No loose materials of any kind are permitted in or on the car. The bottom of the car must be smooth in order not to damage the car stoppage area. All weight mounted on the bottom of the car must be recessed into the body so that it is flush with the body.
- b. Mercury or other liquids shall not be used for adding weight. Mercury is a potential health hazard.
- c. Details such as steering wheel, driver, spoiler, decals, painting and interior details are permissible as long as these details do not cause the car to exceed the maximum length, width, height, and clearance specifications.
- d. Cars with wet paint will not be accepted.

3. WHEELS AND AXLES

- a. Only the official wheels and axles from the kit may be used. Wheels must have "Official B.S.A." stamped on the inside of the wheel rim.
- b. All 4 wheels must be attached to the car. Exception: Open class cars may have less than 4 wheels.
- c. Wheels can be lightly sanded to remove surface imperfections, but the surface that touches the track must be left flat and at least 1/4 wide".
- d. Wheel bearings, washers or bushings are prohibited.
- e. The car shall not ride on any type of springs.
- f. The car must be free-wheeling with no starting device or other propulsion.
- g. The wheel base location of the car may be adjusted as long as you still meet the maximum length, width, height, and clearance specifications.
- h. Hubcaps or similar items used to keep the wheels lubricated are prohibited.
- i. Spoke Wheels and/or modified wheels are prohibited.
- ★ j. **No lightened wheels. No grooved wheels. Just use the wheels that came in the kit! No excessive sanding or machining of the wheels to reduce weight. Derby Monkey Pro Inertia Lite and Pro Ultra Lite wheels –or– custom machined wheels like them are not allowed.**
- k. **BSA Official colored wheels ok. Must still have BSA stamped inside and out. Also may not be machined.**

4. LUBRICATION

- a. Only dry powdered lubricants, such as graphite, may be used. Regular oils and silicone sprays may often soften the plastic wheels.
- b. Cars must be lubricated before registration. No further lubricants will be permitted.

5. GROUND RULES

- a. The race is open to all Cub Scouts and Webelos Scouts registered in the Wo-Ha-Li District. The Open Division bracket is open to registered Cub or Boy Scouts from the Wo-Ha-Li District, any family members of these Scouts, Scout leaders from the Wo-Ha-Li District, and race officials. Only one Open Division entry per participant.
- b. Cars must have been made for this race with all the work on all the parts being done since the completion of last year's race. Cars made for previous derby's are not permitted. Exception: Open Division can run cars from previous years.
- c. Pinecar or similar pre-cut race bodies normally purchased at hobby shops are not permitted. If you mess up on your car body, wheels, or axles you can purchase official Boy Scout replacement parts at the Boy Scout Office in Tyler at 1331 E. 5th St. across from TJC. Plastic outer car bodies are allowed in open Division only.

- d. After meeting weight and inspection requirements the cars are registered with your car number being attached to the back of your car. It will then be placed on the table by a race official for competition. No car can be handled by the boy, leader, and/or parent after registration unless they have permission from the event chairperson (Jason Keeling).
- e. Cars will be placed in divisions by scout rank for competition. (Tiger, Wolf, Bear, Webelos I, Webelos II, and Open Division)
- f. All cars will race four times (once in each lane) against other cars of the same division with the times being recorded.
- g. Overall winners for each scout rank and Open Division will be based upon the total of the race times recorded with the lowest time being ranked first.
- h. If a car jumps off the track prior to the timer, loses an axle, or breaks a wheel it can be repaired if possible and rerun by itself on the same lane after all the races for that rank are completed. If they choose to rerun then the original time must be replaced by the rerun time. If the car cannot be repaired, the car must forfeit from the competition. The car must be repaired within 5 minutes or by the time the car is called for its next race, whichever is longer. If a car jumps from the track loses an axle, or breaks a wheel a second time it must forfeit from the competition.
- i. If a car (or parts of it) leaves its lane and interferes with another car, the car interfered with has the option to rerun by itself on the same lane after all the races for the rank completed. If they choose to rerun then the original time must be replaced by the rerun time.
- j. Only Race Officials permitted in the track area.
- k. Cars racing in the Open Division must meet all the above requirements except section 5 (b).
- l. Cars entered in the Wo-Ha-Li District pinewood derby race must be the car that won at the pack level. New cars will not be allowed.
- m. Each car registered for speed will need to have a car name along with the name of the Scout.
- n. Cars competing must have a Scout present. All Scouts should be in Field (Class A) Uniform.

6. INSPECTION AND DISPUTES

- a. Each car must pass inspection by the Official Inspection Team before it may compete. The inspection team has the right to disqualify those cars, which do not meet these rules. Car owners will be informed of the violations and given an opportunity to modify the car to meet these rules.
- b. Any participant (including the parent of the participant) has the right of appeal to the Race Committee for an interpretation of these rules. The Race Committee, by majority vote, will be the final judge of these rules. In case of a tie vote, the decision of the Race Committee Chairperson will be final.
- c. **GOOD SPORTSMANSHIP AND BEHAVIOR IS EXPECTED.** Ungentlemanly or unsportsmanlike conduct by any participant or member of the audience will be grounds for expulsion from the competition and/ or grounds.

Have Fun at the Pinewood Derby

“Do your best”