

Cub Scout Pack 296

Pinewood Derby 2012

When: [Saturday, February 11, 2012](#)

Where: Swallow School Multi-Purpose Room

Racing Begins: [10AM](#)

Race Morning: [Please plan to arrive between 9:00 and 9:30](#)

Please read all rules before building cars!!!

A. Participation: Open to all Pack 296 Cub Scouts and Tiger Scouts. You must be present to race!

Scouting encourages GOOD SPORTSMANSHIP, so be sure to display your scout spirit at all times during, before, and after racing or you will be disqualified.

Inspection: Cars will be registered and inspected on Friday Evening, [February 10th from 6 pm till 7:30 pm at Swallow School.](#)



- Please bring a shoebox with some padding inside to store your car prior to the race. Cars that fail inspection will be returned for repairs and/or replacement of the car depending on how serious the problems are.
- Cars will not be final registered until they pass inspection
- There will be **No Weigh-in The Day Of The Race**. There will not be any exceptions to this rule. If you cannot make the inspection date please email Mark at mark.hellmer@ey.com to plan other arrangements.
- The decisions of the race officials are considered final.

B. Impound: Cars will be impounded after being inspected and weighed and final registration. When impounded, repairs will be limited to replacement of axles/wheels that are broken/lost during the race. Bring your own parts & tools. Cars may not be modified after passing inspection. **Cars may not be re-lubricated after the final inspections on Friday Night.**

C. Judging for the “best looking” cars will begin at 9:30 am and will end promptly at 9:55 am. We ask that all Scouts and parents arrive by 9:15 to sign in for the race and fill out a voting form for the categories of **“Most Creative”**, **“Most Colorful”**, **“Funniest”**, **“Fastest Looking”**, **“Most unlike a Car”**, **“Plain and Simple”**, **“Best Paint Job”**, **“Best Decorated”** and **“Best Truck”**. We encourage all Scouts to “Do Your Best” to come up with a creative paint scheme to win one of these awards.

D. The car must be **newly built** for the current Cub Scouting year. **The Scout should substantially build the car, although parental supervision in the construction of the car is highly encouraged.**

Pack 296 prohibits the use of store bought cars and bodies. Parents! This is about the activity of building the car with your child, not shopping for it.

- E. The body of the car must be made from the block of wood provided in the official Cub Scout Derby Grand Prix Pinewood Derby Kit. The body may be shaped, hollowed out, or built up from the original block, as long as it meets all other specifications. Loose pieces that could possibly fall off during a race are not permitted. If the front of the car is designed to gain an unfair advantage at the start or interferes with a fair start, the car will be disqualified. There is no designated front or back to the supplied body, so either end may be the front.
- F. The axles of the car must be from the official Cub Scout Derby Grand Prix Pinewood Derby Kit. Axles must be firmly attached to the car. The use of a flexible suspension system of any type is not allowed. You may not pound the axles into the side of the car body. **Do not change the width of the axles, this may not allow the car to run on the track. The slots in the wood need to remain as wide as the block of wood at that point. Some kits that are not allowed change the width at the axles and will not run on our track.**
- G. The wheels of the car must be from the official Cub Scout Derby Grand Prix Pinewood Derby Kit. Wheels may not be altered in any way. Mold projection defects on wheel treads or the axle hole may be removed by sanding lightly. The wheels may not be sanded to enhance performance. Wheels may not be aligned to ride on the guide strip of the track. The decorative dots on the wheel treads may not be removed. If wheel sanding is detected the car will be disqualified. The wheels must be attached to the car with the axles provided in the kit. No cars will be accepted in the pinewood derby where bearings, washers, or spacers are used as part of the wheel assembly. The official wheel width is 0.34".
- H. Only dry lubricants such as graphite powder may be used to lubricate wheels. **The Pack will NOT provide graphite powder lubricants. Once the car is impounded, it may NOT be re-lubricated.**
- I. **The total weight of the car may not exceed 5 ounces.**
- J. The maximum width of the car, including wheels, may not exceed 2.75 inches so the car can straddle the lane wheel guide and roll freely, and not interfere with other cars on adjacent tracks.
- K. The maximum length of the car may not exceed 7 inches.
- L. The motion of the car may not be mechanically aided (motor, springs, rubber bands, etc. are prohibited).
- M. **You must use the racing number that was assigned on the list emailed to you. This must be displayed on both sides of the car.** Please also label the bottom of your car in permanent marker with your child's name. If you are racing in open class please email Mark to receive a racing number.
- N. The Pinewood Derby Judges may disqualify any car that in their determination does not meet the spirit of the pinewood derby race, the Law of the Pack, or the Cub Scout oath.
- O. **RACE AWARDS:** There will be separate awards for each level of Cub Scouts (Tigers, Wolves, Bears, and Webelos). Awards will also be given for first,

second, and third for the overall pack winners. Additional awards beyond third place may be provided for several of the dens depending upon the level of racers participating. Three levels of prizes will also be awarded for our open class category.

- P. **SHOW AWARDS:** All Scouts and siblings will have an opportunity to vote on the best looking cars. Prizes will be awarded of "**Most Creative**", "**Most Colorful**", "**Funniest**", "**Fastest Looking**", "**Most unlike a Car**", "**Plain and Simple**", "**Best Paint Job**", "**Best Decorated**" and "**Best Truck**".
- Q. **Parents/Siblings Race:** This year once again we will have the ability to do an **OPEN CLASS Parents/Siblings race**. Moms and sisters are especially encouraged to participate in this event. The entry fee to participate in this race is \$15. If you are interested, please contact Mark.

If you have any questions about the race, please contact:

Mark Hellmer

Mark.hellmer@ey.com

Mobile: 3121.560.0662