

2010 KATORI Pinewood Derby

"Get Ready to Start your Engines"



Date: Sunday, April 11, 2010

Where: Katy Family YMCA Gymnasium

Registration: 1:00 pm

Race Start: 2:00 pm

Racers: Guides and Princesses (but bring your whole family to cheer)

Price: **\$10 per car including entry** (will be distributed at the Front Desk of the YMCA only)

- Extra car kits are \$5 sold at the Front Desk of the YMCA.
- Pizza and drinks will be provided at no cost to all that attend (including family members). Bring a folding chair if you like and a lot of enthusiasm.

Prizes & Rules

- **IMPORTANT RULE CLARIFICATIONS TO KEEP RACE FAIR AND MANAGEABLE!**
- **SOME CLARIFICATIONS WERE PREVIOUSLY STATED ON CAR KIT INSTRUCTIONS BUT NOT IN FLYER**
- **CARS THAT QUALIFIED IN PRIOR YEARS MAY NOT QUALIFY THIS YEAR - READ CAREFULLY!**

To be eligible for a trophy (INCLUDING AN ART CAR TROPHY), the car must meet the below specifications:

1. The car must be built from a KATORI car kit
i.e.: **Car wheels** must be plastic wheels from the KATORI Pinewood Derby Kit. No other wheels qualify but wheels can be drilled and smoothed.
Car axles must be from the KATORI Pinewood Derby Kit.
2. No part of the car can stick out in front of the track-starting pin when in the starting position.
i.e.: The height of the starting pin is 1 inch. You must insure that the front of your car will rest against the pin, not overlap it.
3. One car entry per child – same entry for racing and art car consideration *****
4. The weight of the car may not exceed 6 ounces. *****
5. The overall length of the car may not exceed 7-1/2 inches. *****
6. The overall width of the car may not exceed 2-3/4 inches. *****
7. The overall height of the car including any decorations may not exceed 3 inches. *****

Lubrication is permissible and necessary. No wheel bearings, washers or bushings are allowed. Cars must free wheel with no starting attachments. If at weigh-in the car meets all of the specifications, the car will be taken to a staging area and no additional contact with the car will be permitted. If the car fails to meet any specification, the participant will be allowed to leave the weigh-in table and attempt to correct the problem. Maximum of 3 weigh-in attempts.

Each car will run FOUR heats. Winners will be determined by the fastest average of the FOUR heats. The cars will be run randomly (that is a Princess car may race against a Guide car or vice versa), however the computer program will electronically collect the times and compare Guides to Guides and Princesses to Princesses.

Racing trophies will be awarded for 1st through 10th places. The 10 fastest Guides will receive a trophy, the 10 fastest Princesses will receive a trophy and 10 special "art car" trophies will be awarded to the top Guides and Princesses together (cars decorated by the Guides and Princesses, not the Dad, does well in the "art car" competition.

A FINAL run for the top 6 racers will determine the Grand Prize winner. The tying cars will have a runoff race to determine relative position. All participants will receive a special Pinewood Derby vest patch.

Hints:

- Lubricate wheels with dry Graphite (liquid lubricants do not work well).
- Make your car weigh as close to 6 ounces without going over.
- Axles should be straight and wheels should turn freely. Axles and wheels should be free of glue, peanut butter and jelly, chocolate, molasses, syrup, applesauce, yogurt, and any other foreign debris.

And don't forget before the races, pizza will be served for the whole family!

For further details, contact Brandon Gonzalez email Brandon.Gonzalez@ymcahouston.org or at 281-392-5055.

