

Official Rules Cub Scout Pack # 561

2011 Pinewood Derby

January 15, 2011

Friday, January 14, 2011

6:30-7:30pm

Upstairs, Moose Lodge, Port Allegany

Track set up and Pre-weigh in

Official scales will be available for each participant to weigh his car. Adjustments can be made accordingly either on site or at your home. There will be weights available on Saturday morning for a nominal fee.

Saturday, January 15, 2011 Race Day

9:00 – 9:45 am Weigh in and Registration

10:00 a.m. ~ Race begins promptly

Upstairs at the Moose Lodge

Registration

Each car will be weighed and measured by one standard. The standard used will be a digital, calibrated scale. Race officials designated by the committee will record official weights and measures. Once a car has been weighed, measured and approved by inspection, it will be registered. A registration number will be placed on the bottom of the car. Cars will then be taken by officials and placed on the line up table.

No individual is permitted to touch a car once it has been placed on the line up table!

Cars will remain on the table until a starter (for racing) places them on the track.

Rules

1. **Each Scout must be present to race.** No cars will be raced on behalf of another participant.
2. As each race is ready to begin, drivers will be called to the pit. Participants not present when a race is called to begin will be given a one-minute grace period to show. If the driver of the car does not show within the one-minute grace period, his race is forfeit to the other driver.
3. Four (4) lanes will be run per heat.
4. Double elimination. (Includes forfeit from missed grace period) ****Don't be late! ****
5. Each car must be constructed from an official Cub Scout Pinewood Derby Kit
6. All cars must pass inspection to qualify for the race. The inspection points are as follows:
 - A. The car must have been made during the current scouting year.
 - B. No cars or car parts can be used from prior years or races.
 - C. The overall width of the car shall not exceed 2 ¾ inches.
 - D. The overall length of the car shall not exceed 7 inches.
 - E. The weight of the car shall not exceed 5 ounces. There is no minimum weight, but it is to your advantage to get as close to 5 ounces as possible. Cars that are heavier go faster. No loose materials of any kind are permitted in the car. Axles, wheels, and body wood are provided in the kit.
 - F. Wheel bearings, washers, and bushings are prohibited. Washers are permitted as weight additions, as determined by race officials.
 - G. The car shall not ride on any type or kind of springs.
 - H. Any details added must be within length, width, and weight limits.
 - I. Cars must be freewheeling, with no starting devices.
 - J. No loose materials of any kind (such as lead shot) are allowed in the car.

The Race

1. Each heat will be announced. Drivers will report to the starting line. Starters place their car on the track. All other people must remain behind the barrier.
2. The starter will make sure the cars are on the track properly and then will start the race.
3. Starters and drivers will signal each other they are ready for the race to begin by using red and green flags provided by the pack. **No car will race if the driver is not present.** If a driver does not appear after a one-minute grace period, the driver will forfeit the race. Flags used by starters and drivers will be a clear signal to let cars go and begin the race in a fair and consistent manner.
4. The results of each heat will be recorded by the computerized finish line.
5. If a car leaves the track, runs out of its lane, interferes with another car, loses an axle, etc. the heat will be re-run. If the same car gets into trouble on the second run, the contestant is disqualified and automatically loses the race.

6. When the official is sure the results have posted to the computer, the drivers will return their cars to the line up table and return to their seats.
7. Awards will be announced shortly after the end of the race. Drivers will report to the award area as their names are called. Race is open to the pack and will be distributed as such. Awards will not be given per den but as an open pack race.
8. Awards will include place standings as well as awards for painting and other decorations or race characteristics. The number of prizes will be determined after the sale of car kits, but prior to race.

Helpful Information

Each participant will receive a t-shirt.

Light lunch will be sold the day of the event.

To weigh your cars while under construction, digital scales can be accessed in our community at the Post Office, Johnston Tools, and Carlson's Store.

Parent race

Parents, Guardians, Grandparents, and other adults are invited to join our parent race. Same rules apply, but **you must buy your own kit and construct your own car**. You **cannot** race a child's car.