

CUB SCOUT PACK **848**

2013 Pinewood Derby

Gentlemen - Start Your Engines!!

It's Pinewood Derby Time!!

Saturday January 26th, 2013

2:00 PM – 5:00 PM

Mountain View Park Community Center



Inspection, Weigh-in and Judging

When: Wednesday, January 23rd

Time: 6:30pm to 8:00pm – In the Pits & On Display!

Where: Cheyenne Cafeteria

What to do:

By now you should already have your Pinewood Derby kits, if not, see your den leaders immediately-these cars can take several weeks to put together, if you want to have a really nice, fast one for the race. **Jan. 23rd** will creep up on you really fast! Start working on them now! The internet has great race car building tips and some great car patterns - Start here for great tips and links <http://www.pack848bsa.org/pinewood-derby>



First Step: WEIGH-IN

Jan. 23 - 6:30pm till 8:00pm

Before you even register, bring your car to be weighed. If it doesn't weigh close to 5 ounces, bring it over to the **Pit Crew** for adjusting. This station will help Scouts with such repairs, but you must provide your own weights if additional weight is needed. The object is to get the car to weigh as close to 5 ounces as possible without going over 5 ounces. All cars must weigh 5 ounces, or less. The post office has a scale that you can use to weigh your car to get close to **5 ounces** or office supply stores sell them; however, **the scale at the weigh-in is the official scale.** (Did you know that 5 U.S. Quarters weighs 1 ounce?)

Second Step: SIGN-IN!

After Weigh-in, register your car with race officials. A registration # sticker will be placed on the bottom of your car. **DO NOT REMOVE THIS STICKER!** You'll be given a plastic bag with your name & registration number on it to protect your car until it's time to race. Don't bag it yet though because it's time for.....

Third Step: SHOW-OFF!

Your car will be judged in 5 different categories and awards will be given for the top 3 cars in each category: (1) Most **CREATIVE**, (2) Most **Colorful**, (3) Most **Flashiest**, (4) Most **Realistic**, (5) **Best Effort**.

Cars will be judged **Wednesday Night only** so have your car complete and ready then.

Winners will be announced on Saturday race day.

We will award for all categories First, Second and Third Place Winners!

Please Note: In the interest of keeping the cars from being damaged, the Pack will impound each Scout's car between Wednesday night January 23rd through race time on January 26th. By minimizing the need for last minute repairs or adjustments we hope to keep the spirits high and keep the races moving swiftly along.

Saturday, January 26th IT'S OFFICIAL - LET'S GO RACING!



Race Times: Races will be run by Den in the following order. (Both Scout and his car must be present in order for the car to race)

TIGERS

WOLF

BEAR

WEBELOS I

WEBELOS II

PLAYOFFS

We will not be able to wait for a Scout who has not arrived by the time his Den's race is ready to begin.

Race Format: The track will have four lanes, and competition will be computer scored with 1st, 2nd, 3rd & 4th place being recorded for each run down the track. Racing order and lane assignments are computer generated to allow each car to use each lane making the race as fair as possible.

Play-offs: The top 2 finishers in each Den will advance to the Play-offs and should be ready to go into the Play-offs by 4:00 PM. In the event of a second place tie, the winner of the head-to-head competition will advance. The top 2 finishers in each Play-off will compete in the semi-finals (best 2 out of 3), followed by the 4 semi-final winners competing in the finals (best 3 out of 5).

We will notify those winning car owners who can advance to the District Race Finals where and when they will need to go if they would like to try their car at the District level.

Once again on race day look for some exciting things going on at this year's race. We will be selling great food like pizza, baked goods and drinks this year. So bring your appetites because **all proceeds benefit our Pack!!**



Don't forget the great raffle and giveaways-Racing banners and other cool stuff!!! Each boy who enters the race gets a chance in the raffle. We will have some great music too!

GROUND RULES!

USE WHAT'S IN THE BOX ONLY!!!!

Car Construction:

Web sites & craft store offer ideas & supplies to make these cars something really special! They are good as a resource to get ideas for design, but remember you can only use the materials we provide. **The exception is cosmetic parts including decals, engines, mufflers, spoilers etc.** If you add additional wood to the car it may be disqualified. **Cars that are longer or wider than the original block will not be allowed to race.**

As a common sense rule any car that's "really special" and is unfairly fast as a result may not advance to the playoffs.

Wheels & Axles:

You must use the wheels & axles provided in the box. Any car with solid axles will be disqualified-use only the nails provided as axles. It is not required to place axles (nails) into the pre-cut slots of the wood block. However, the wheelbase (distance between the centers of the front and rear axles) must measure between 4-1/4 and 4-5/8 inches. The position of the axles is not regulated provided that the wheelbase measurement is in compliance. If wheels or axles are modified in any way the car will not advance to the playoffs, but it is deemed legal by the race committee to polish the axles with high grit (very fine) sandpaper. Graphite is allowed and must be applied before the car is officially registered on Wednesday night (hopefully applied outside the building). No further graphite application will be allowed.

Enter 2013 Models Only:

Yes, occasionally the week of the Derby creeps up and we haven't started on our cars yet! Please resist the temptation to use last year's car—the boys do remember those fast ones.

Better Late Than Never! If you miss the start of your den's race you will be allowed to compete with another den. **However, your car will not advance to the playoffs.**

Summary:

- In order to qualify for racing, the car must be made with the entire Official Pinewood Derby Kit as supplied, including black wheels, axles and wood block. BSA imprint must be visible on wheels.
- **Use the materials in the box**, do not purchase different colored wheels, and as tempting it may be for your boy to have the fastest car on the track, please refrain from buying such things as speed axles and wheels just to get an edge on the competition.
- Max weight is 5 oz. (Did you know that 5 U.S. Quarters weigh one ounce?)
- Pack scales are official weigh-in scales.
- Weigh-in is at Cheyenne cafeteria and Pinewood Derby is being held at Mountain View Park.
- Races will be run by den and rank. Tigers will race first, then Wolves, etc.

GOOD LUCK & GOOD SPORTSMANSHIP BOYS!!!

