

Marin Council 2018 Pinewood Derby Race

at the Marin County Fair—Monday, July 2, 1:00 p.m.

Cars must be checked in on either Saturday, June 16, from 9:00-10:00 a.m., or Tuesday, June 19, from 7:00-8:00 p.m., at the council service center. Cars can be checked in by parents individually or sent in all at once with pack leaders (recommended). No cars will be accepted after the last check-in date.

Important: Any and all modifications to cars (including graphite) must be done *before* check in. No graphite or other modifications can be done at the time of the race.

The following information must be *clearly displayed on the bottom of the car* (we suggest a printed sticker): Scout's name, pack #, best contact number, email address.

Contact Name _____ Pack Number _____

Telephone _____

Email _____

Entrants (*names*)

Lion _____

Tiger _____

Wolf _____

Bear _____

Webelos 1 _____

Webelos 2 _____

The race takes a great effort on the part of many people. We would like parents or other pack members of entrants to help for at least an hour or two with any of the following categories. Check which will be best for you. We will contact you with your assignment. If you are helping during the race, you do not need to help when the division your son is in races. For example, if you are the parent of a Bear, then you can help during the Tiger, Wolf, or Webelos races.

YES, I can help with:

Setup—4 to 5 people, typically from 9:00 a.m.–1:00 p.m. Do the whole time or a shift

Race—3 to 4 people per shift during the time from 1:00 to approximately 3:30.

Clean-up—4 to 5 people to help after the race for an hour or two.

Number of cars entered _____ @ \$5.00 each _____

Paid by check # _____ Cash _____

Deduct from council account (*you must be authorized to use this account*)

Charge my credit card: VISA MC (*circle one*)

Exp. Date _____ V-code (from back) _____

Signature _____

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The Marin Council

2018 CUB SCOUT PINEWOOD DERBY RULES

GENERAL INFORMATION

The purpose of the pinewood derby is to offer a cooperative project by which a Cub Scout and a parent, relative or friend participate together in the building of a car. The *spirit* of the event is to encourage Cubs to work with their families toward a goal, regardless of who wins. The real winner is the Scout and family member who worked together.

In this spirit, a fair and equitable set of rules for the council pinewood derby has been established. The requirements found in the official pinewood derby car kit are the rules for construction; however, care must be taken so that a pack-determined rule does not disqualify a car from the council race. Council rules are the standard.

One final note, remember that the pinewood derby is primarily for the Cub Scout, and he should have the satisfaction of building his own car from the materials in the kit. Guidance and minimal assistance should only be given.

RACE RULES

Each pack may enter five cars in the council derby (the winning Tiger, Wolf, Bear, 1st yr Webelos, 2nd yr Webelos cars).

If a car jumps off the track, the heat will be run again. If the same car jumps off the track again, it will be sent to the *pit crew* for inspection and adjustments as necessary, and the track will be inspected. It will be allowed to run one more time. If it jumps off the track a third time, it will be disqualified.

If a car suffers a mechanical problem, loses a wheel, etc., and a repair can be made in a short amount of time, the car will be allowed to run again.

Winning cars are subject to inspection after the race.

Boys who built cars as 2nd year Webelos Scouts during the 2017-2018 year may race their cars even though they may have bridged into Boy Scouts by race time.

Absolutely no cars will be accepted after the race check-in days. *No exceptions.*

CONSTRUCTION SPECIFICATIONS

The following requirements are intended to supplement the instructions and specifications found in the official pinewood derby kit. In the event of any conflict the official kit provisions shall prevail.

Cars must have been made for this year's race. Width shall not exceed 2-3/4", length shall not exceed 7", weight shall not exceed 5 ounces (measured to nearest 1/10 of an ounce). Width between wheels must be at least 1-3/4". Clearance between the track and underside of car should be no less than 3/8".

Only official BSA wheels and axles must be used (colored or black). The size and shape of wheels may not be altered. No modification of the kit axle is allowed, except axles may be polished and burrs sanded. The axle slots on the wooden block must be used and cannot be moved or altered. No paint or clear coat is allowed on any area of kit wheels. No hub caps are allowed on wheels. Only dry lubricant (teflon, graphite) may be used on wheels. The car shall not ride on any type of spring and must be free-wheeling. Washers, bearings, and bushings are prohibited. Decorative details, paint, stickers, etc., may be used as long as they do not conflict with other rules.

The nose of the car must be at least 1/2 inch wide in order to rest on the starting peg.

Wheels may not protrude beyond the front or rear of the car. The running surface must remain flat and *all four wheels must be in contact with the track.*

Any type of weight can be used as long as it does not interfere with the clearance or the dimensions. Weights must be securely attached and stationary.

The following information must appear clearly on the bottom of the car (we suggest a printed sticker):

Name

Pack #

Best contact number

Email