The Marin Council
2015 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 2014-2015 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 ½ 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