

PINEWOOD DERBY DETAILS

Cars in the official Derby must have been built by a Pack 140 Cub Scout THIS year.



Check-in

CHECK-IN is on Friday night, February 11 from 6:30 to 8:30 PM.

Bring your cars in at any time during the check-in for weigh-in and to check that your car is legal to run. If you don't make the check-in your car may not be eligible to run.

PLEASE NOTE: Although you can use graphite to lubricate the car's wheels, you will **NOT** be able to apply it inside the church. Make sure you take care of this at home.

The Big Race

On Saturday, February 12, we will begin running the races at 9:00 AM, starting with the Tiger Cubs. Each cub's car will run against the other cars in his rank to find 1st, 2nd, and 3rd place for each age group. The top runner for each rank will then run at the end for an overall winner. We will also have a prize for the coolest car, a matter of which car has the most votes from the fans!

Open Class Race

After we run the regular races, we will begin the Open Class runs. This is an opportunity for boys to run past cars, and for other family members to get in on the action. Please note the only rule for this class is that the car must be able to run on the track without interfering with the other cars running at the same time. This means you can change the wheel structures, up the weight, change the wheel configuration or whatever. See how creative you can be!!! There will be a \$5 entry fee for this class, proceeds of which go to our pack's Scholarship Fund.

Snack Sale Stand

Also we will be running our Fourth Annual Snack Sale Stand. Each Den is to bring three dozen treats or drinks to be sold at this stand. The proceeds will also benefit our pack's Scholarship Fund for boys in our own Pack. Jennifer Reynolds will be coordinating this effort, so please contact her to find out how you can help.



The Official Rules

WIDTH	Maximum overall width allowable is 2-3/4 inches (including wheels and axles).
LENGTH	Maximum overall length allowable is 7 inches.
CLEARANCE	Minimum clearance under the body is 3/8 inch.
WHEELBASE	EXTENDED WHEELBASES WILL NOT BE ALLOWED.
WEIGHT	Weight cannot exceed 5 oz. The car may be hollowed out and filled or built up to maximum weight with other items like steering wheels, drivers, lead sinkers, etc.
MATERIAL	The car body, wheels and axles (round head nails) must be from the Official Pinewood Derby Kit. The nails may be polished. The car may not ride on any type of springs. The cars must be free-wheeling, with no starting device or other propulsion.
WHEELS	Wheels may be lightly sanded, only to remove bumps and ridges. They may not be shaved, tapered, or reduced in diameter or width. Some of the original surface must be evident and will appear as a shiny spot on the surface. Wheel bearings, washers and bushings are prohibited.
LUBRICATION	Use only powdered graphite. No silicones, oils, or grease are permitted since they react with the plastic wheels.
INSPECTION	The car must pass inspection by race officials prior to racing. Once inspected, no modifications can be made, except to repair accidental damage.
ADDITIONAL NOTE	You should use only the parts that come in your pinewood derby kit for the car body and wheels. Other decals or plastic items may be added as long as they don't violate any of the rules