

2019 MUNSTER MINTS

PINEWOOD DERBY

girl scouts
of greater chicago
and northwest
indiana

Car Building Workshop (optional):

Saturday, January 5, 2019

10:00am – 2:00pm

St. Thomas More Gym



Pinewood Derby:

Saturday, January 12, 2019 at 12:00pm

Cost:

No cost to race a car

Car kits \$5.00 (will be made available at workshop for those participating)

Race patches are \$1.00, available at race.

Awards to be given include:

- ❖ **Fastest Car Overall – 1st through 4th Place**
- ❖ **Fastest Car per Scout level – 1st through 4th Place**
- ❖ **Scouts' Choice**
- ❖ **Leader's Choice**

Service Project: Money collection for Meals on Wheels NWI, which provides meals to seniors in Northwest Indiana.

Registration can be found at:

<http://www.munstermints.com/forms.html>

Please contact Karen Ranos with any questions:

KarenRanos@gmail.com 773-968-6279

See following page for official race rules.

PINEWOOD DERBY RULES

NO PROFESSIONALLY BUILT PINEWOOD CARS ARE ALLOWED!! Professionally-built pinewood cars will be immediately disqualified!

WIDTH – Maximum overall width allowable is 2 ¾"

CLEARANCE – Cars must have 3/8" minimum clearance under the body, 1 ¾" minimum clearance between the inside of the wheels. All four wheels must touch the track.

LENGTH – Overall length shall not exceed 7". A car shall not extend beyond the starting line.

WEIGHT – Weight shall not exceed 5 ozs. No loose materials of any kind are permitted in or on the car. The car may be hollowed out and built up to the maximum weight by the addition of wood or solid metal only, provided it is securely built into the body or chassis. Liquids (such as mercury) are considered loose material.

MATERIAL – The car shall be made of material from the kit (Grand Prix Car Kit #17006). Substitutions for the body, wheels, and round head nails furnished in the kit may not be made. Nails may be polished or turned down. Other items may be added for weight or design purposes.

WHEELS – Wheels are not to be shaved or reduced in diameter or width. Sandpaper may be used to true the wheels, but contour of wheels cannot be changed. Wheel bearings, washers, and bushing are prohibited. The surface of the wheel must be flat. Some of the original surface must be evident and will appear as a bright spot on the surface.

DETAILS – Details, such as steering wheel, drivers, decals, painting, and interior details are permissible as long as the car does not exceed the maximum weight.

SPRINGING – The car SHALL NOT ride on any type of springs.

ATTACHMENTS – The car must be free-wheel with no starting devices.

LUBRICATION – ONLY powdered graphite may be used as lubrication. Liquid lubricants are destructive to the track and can even be destructive to the wheels of your pinewood car. Lubrication of cars will be allowed only before inspection and weigh-in. No lubrication is allowed after inspection and no lubricant is permitted on exposed surface of wheels.

INSPECTION – Each car must pass inspection by the official Inspection Committee before it may compete. The inspectors have the right to disqualify those cars which do not meet these specifications. The decision of the Chief Inspector will be final.

If any car jumps the track more than three (3) times in any one heat, it will automatically be disqualified from that heat.

A car with wet paint or glue **WILL NOT** be accepted or allowed to race.

All cars must be registered, approved, weighed-in and numbered a **1/2 hour before** the first heat begins.

All results of heats are final only Racemaster or Pit controller have authority to approve a Re-Race of any heat.

Siblings and Parents are welcome to participate, they will race along side the scouts. However, they are not eligible for any awards.

ALL DECISIONS MADE BY RACEMASTER (ARE FINAL)