GET READY TO RACE
2020 PINewood DERBY SERIES

EASTERN PINewood DERBY – MARCH 28, 2020
Camp Stigwandish

WESTERN PINewood DERBY – APRIL 4, 2020
Lorain County Community College

CENTRAL PINewood DERBY – APRIL 25, 2020
Harding Middle School

LEC GRAND CHAMPIONSHIP – MAY 09, 2020
Lake Erie Council Unit Service Center

https://scoutingevent.com/440-PinewoodDerbySeries
Lake Erie Council invites our Cub Scout Families to the Annual Pinewood Derby Championship Series. It’s fun for the entire family! Sign up the winners of your Pack’s Pinewood Derby event to compete against Scout’s across the whole council and possibly win the championship!

**DATES**

**SEMI-FINALS - EASTERN PINewood DERBY**
March 28, 2020 – Camp Stigwandish

**SCHEDULE**
- 10:00 AM Check-in and weigh-in begins
- 10:50 AM Final weigh-in
- 11:00 AM Welcome and Pledge of Allegiance
- 11:15 AM Races begin
- 1:00 PM Award Ceremony

**SEMI-FINALS - WESTERN PINewood DERBY**
April 4, 2020 – Lorain County Community College

**SCHEDULE**
- 10:00 AM Check-in and weigh-in begins
- 10:50 AM Final weigh-in
- 11:00 AM Welcome and Pledge of Allegiance
- 11:15 AM Races begin
- 1:00 PM Award Ceremony

**SEMI-FINALS - CENTRAL PINewood DERBY**
April 25, 2020 – Harding Middle School

**SCHEDULE**
- 10:00 AM Check-in and weigh-in begins
- 10:50 AM Final weigh-in
- 11:00 AM Welcome and Pledge of Allegiance
- 11:15 AM Races begin
- 1:00 PM Award Ceremony

**LEC PINewood DERBY FINALS CHAMPIONSHIP**
May 9, 2020 – Lake Erie Council Unit Service Center

**SCHEDULE**
- 10:00 AM Check-in and weigh-in begins
- 10:50 AM Final weigh-in
- 11:00 AM Welcome and Pledge of Allegiance
- 11:15 AM Races begin
- 1:00 PM Award Ceremony
SEMI-FINALS

Participation in these pinewood derby events is not based on geographical location. You can choose whichever locations/dates are best.

SEMI-FINALS COSTS

Early Bird Price (ends one month before the event)
  Youth: $15 per racer

Regular Price
  Youth: $20 per racer

Late Price (starts two weeks before the event)
  Youth: $25 per racer

Registration closes at midnight the Monday before the event.

FINALS

FINAL CHAMPIONSHIP COST

Regular Price
  Youth: $25 per racer

Late Price (starts two weeks before the event)
  Youth: $30 per racer

Registration closes at midnight the Monday before the event.

Championship winner will be sent to the world Championship in New York City by the council.
**CAR SPECIFICATIONS**

**YELLOW TEXT = OPTIONAL FOR LEC COUNCIL SERIES, HOWEVER IT IS REQUIRED IF ATTENDING THE WORLD PINewood DERBY CHAMPIONSHIP.**

**DIMENSIONS**
- Length: Maximum of 7 in. Weight: Maximum of 5.0 oz. (141.75 grams), rounded to the 1/10th of an ounce.
- Center Rail Clearance Height: 3/8 in. Center Rail Clearance Width: Minimum 1 3/4 in. inside wheel to wheel.

World Championship Requirement (ONLY):
- The front edge of the car must not be more than 1 inch above the track surface and be at least ½ inch wide at the center of the car.
- All cars must have a wheel base no less than 4 inches (101.6 mm), with the two rear wheels being positioned directly across the body from one another and the two front wheels being positioned directly across the body from one another.
- Wheels cannot extend beyond the front or rear of the car body proper.

**AXLES**
- a. Axles must be official BSA axles as provided in the Grand Prix Kit or Wheel/Axle replacement kit.
- b. Axles may not be significantly reduced in size.

**WHEELS**
- a. Only “Official BSA Wheels” may be used. (Included “Official Colored Wheels”)
- b. Wheels may be sanded and polished to remove surface imperfections, to true the roundness of the wheel and to flatten the tread/contact surface. Coning the inside hub or truing the outside hub face is allowed.
- c. Weight reduction or wheel modification is not allowed.
- d. Wheel tread must remain flat across the entire width and parallel to wheel bore with a minimum width of 7.5mm.
- e. The ribs on sidewall must remain visible around the entire circumference.

World Championship Requirement (ONLY):
- Wheel Bore treatment is allowed including polishing, sanding and/or tapping, however wheel bores may not be filled and re-drilled.

**LUBRICATION**
- a. Lubrication cannot be falling off the car at check-in.

World Championship Requirement (ONLY):
- Graphite is the only lubricant allowed at the World Championship Pinewood Derby.

**GENERAL**
- a. The car must be newly built for the current Cub Scouting Year using Official BSA components. The main part of the body must be made of Pinewood. Block. Car must have at least 4 wheels and 4 axles.
- c. Additional materials may be added, as long as they meet the race requirements.
- d. All car parts and materials must be firmly attached.
- e. Weight shown on the Official Race Scale is final.
- f. The car must be freewheeling with no springs, magnets, starting devices, or propellants of any type.
- g. Washers, bushings, bearings or inserts are prohibited.
- h. Each car must pass inspection by the race day Pinewood Derby Committee before it may compete.
- i. It is the responsibility of the Scout to present their car for inspection.
- j. A Scout whose car fails inspection will be allowed to make adjustments to the car.
- k. After the car has passed inspection, it will be impounded by the Race Officials to await the race. Cars may not be handled after inspection, except by Race Officials, until all races are completed. I. Paint and glue must be dry at check-in with no sticky surfaces on the car body.
- m. No part of the car can extend beyond the starting peg.
- n. In the event of a breakdown during the race, the Scout may make an attempt to repair the car within a reasonable time. The car must pass inspection again prior to another attempt to race. If, after 3 attempts, the car cannot complete the heat, it will be given the maximum heat time.
- o. A car that jumps off the track or interferes with another car will be allowed to re-run the heat. A car jumping off the track or interfering with another car 3 times will be given the maximum heat time.

All determinations by the Race Committee are final.

Please note that if your original car does not meet these specifications, the Scout can build a new car for the LEC race, or the World Championship. As long as the car submitted for racing is made in the 2019-2020 pinewood derby season, it can qualify.