

## Riverside Pack 24 Pinewood Derby 2023

### *Questions & Answers*

#### **Who? What? When? Where?**

All Pack 24 scouts are invited to participate in the Pinewood Derby on Saturday, January 28, 2023 at Riverside Presbyterian Church. We are asking that each Scout pay \$10 to cover the cost of their car kit, awards, and other event costs.

#### Schedule

*10:00 am - 12:00 pm Check-in*

Scouts can make practice runs down the track, make adjustments to their cars in the work area, and get checked-in for the race. All cars must be checked in by noon.

*~11:30-1:00 Food available for purchase in the church hall (Details TBA)*

*1:00-3:30 Flag Ceremony & Racing*

All scouts should be present for the opening flag ceremony. Racing followed by awards will take place by den from youngest to oldest: (Lions, Tigers, Wolves, Bears, Webelos 1, Webelos 2). The finals (2 fastest cars from each den plus the next 4 fastest), final awards, the closing flag ceremony, and cleanup will end the day.

#### **Can my mom (or dad or someone else) build my car for me?**

No. Scouts will need adult help and supervision with things like cutting, sanding, and painting, but building the car is the scout's project. Scouts will have to answer questions at check-in about the tools and materials they used to build their car.

#### **But my dad really wants to build a car!**

If your dad or mom really wants to build a car themselves, they should participate in the Akela Race which takes place the evening before, Friday, January 27. Check-in begins at 6 pm and racing is at 7 pm. Adults follow the same rules as the scouts! Cost is \$20, includes the car kit and awards, and registration is limited to 24 racers. There will be awards for the fastest car in the race and for the "Best-in-Show" design.

#### **What can I do to make my car fast?**

The most important thing is to get your car as close as possible to the 5 oz. weight limit. You can do that by adding weights (available from the Scout shop or hobby shops, or using coins, bolts, etc.). Paying attention to the car's center of mass (where the weight is put on the car), making the car aerodynamic, and reducing friction by polishing and/or lubricating the axles (with powdered graphite) are more ways.

Want to learn more? Follow this QR code link to an excellent video for parents and scouts to watch together about what makes a pinewood derby car fast.



#### **What can I use to decorate my car?**

Whatever you want: stickers, paint, clay, markers, toy figures. Everything has to stay still, wheels are the only parts allowed to move, but you can be as creative as you want. We give our more awards for car design than we do for speed!

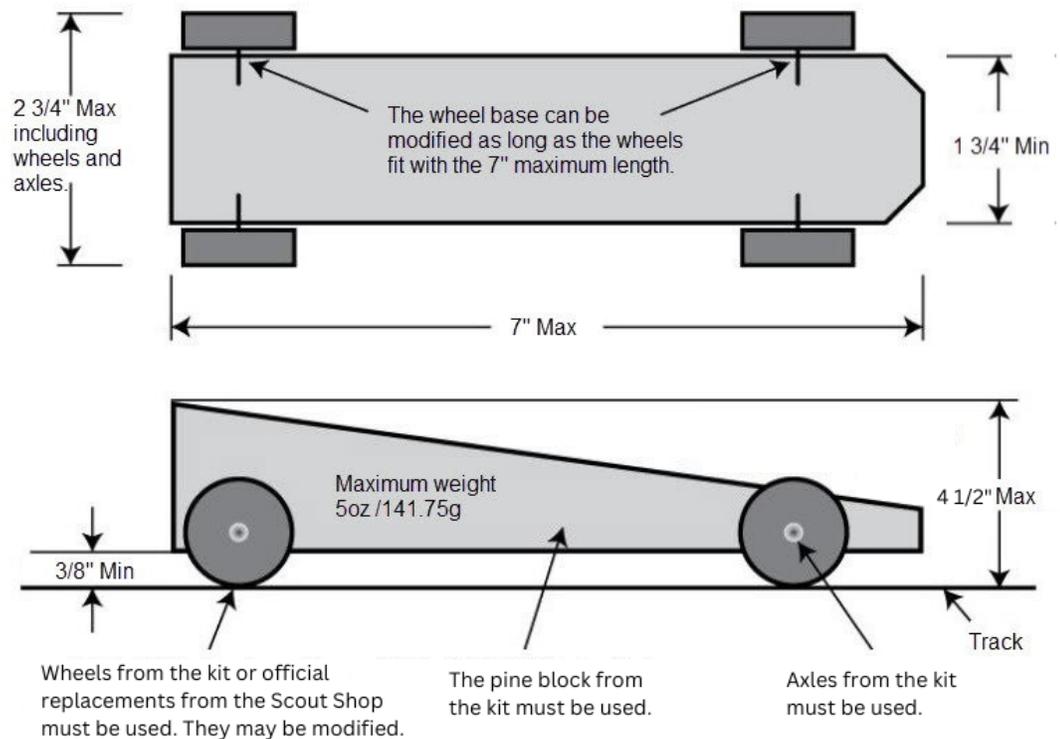
## Is anything different in the rules this year?

We are using the same rules that will be used at the 2023 Pathway to Adventure Council All Districts Pinewood Derby in Schaumburg on Sunday, April 16. We hope that some of our Scouts will go and represent the pack at this regional derby.

The big difference in the rules this year is that wheels and axles may be modified. There are a variety of ways that scouts sometimes remove material from the wheels or axle nails to decrease wheel-weight, friction, or the width of the surface that touches the track. You don't have to do anything to the wheels or axles, but you may modify them if you wish.

Regardless, scouts must use the actual wheels and axles provided in the kit or replacement wheels from the Scout Shop (available in a variety of colors). Commercially prepared wheels or axles are not permitted. At check-in scouts will be asked about any modifications to the wheels and how they made them.

**Be sure to pay attention to the dimension and weight requirements in the rules!**



## I think I need some help with cutting my car!

The Scout Shop at 811 W. Hillgrove La Grange has cutting assistance on Saturday, January 14 from 10:00 am - 1:45 pm. Bring your kit and get help with cutting out your car and getting it ready for race day.

## What about awards?

There are many opportunities to win awards for design or speed!

Each den will give five different award medals for design. Scouts will vote on the funniest, most creative, most scout-like, fastest-looking, and coolest car in their den. There will also be trophies for the 1st, 2nd, and 3rd place car in each den. Finally, there will be trophies for 1st, 2nd, 3rd, 4th, and 5th places in the finals.

## What will I do when I'm not racing?

Mostly you'll watch other scouts race. We are working on planning some other activities, but we're there to race and races go quickly, you won't want to miss them.

## Can my brother, sister, teacher, grandparents, etc. come to see my car race?

Yes! Everyone is welcome on race day.

## More questions?

You can e-mail Luke Wetzel, 2023 Derby Coordinator at [fr.luke.wetzel@gmail.com](mailto:fr.luke.wetzel@gmail.com)