

# 34th Annual Pack 334 Pinewood Derby

March 21, 2026 | 10:00 a.m.



**Race Awards:** First Place, Second Place, Third Place, and Best Gas Mileage

**Creative Awards:** Most Unusual, Most Colorful, Most Detailed, Best Design, & Committee's Choice

## Key Dates

January 31 <sup>st</sup> , 10:00 a.m.	Workshop 1 (Cutting & Shaping)
February 28 <sup>th</sup> , 10:00 a.m.	Workshop 2 (Painting)
March 7 <sup>th</sup> , 8:30 a.m.	Planning Meeting
March 7 <sup>th</sup> , 10:00 a.m.	Workshop 3 (Wheels & Weights)
March 13 <sup>th</sup> , 7:00 p.m.	Weigh-In
March 20 <sup>th</sup> , 7:00 p.m.	Setup
March 21 <sup>st</sup> , 10:00 a.m.	Pack 334 Pinewood Derby Race
April 11 <sup>th</sup> , 11:00 a.m.	<a href="#">Northern District Pinewood Derby Race</a>



## Northern District Rules (all apply to Pack 334)

1. Width shall not exceed 2-3/4 inches.
2. Length shall not exceed 7 inches, and height cannot exceed 5 inches.
3. Weight shall not exceed 5 ounces.
4. Axles, wheels, and body shall be from the materials provided in the kit. Additional wheels can be purchased separately.
5. Wheel bearings, washers, and bushings are prohibited.
6. No lubricating oil may be used. Axles may be lubricated with powdered graphite ONLY.
7. The car shall not ride on any kind of spring.
8. The car must be free-wheeling, with no starting devices.
9. No loose materials of any kind are allowed in the car.

Download Car Designs  
[scouting334.com/pwd-designs/](https://scouting334.com/pwd-designs/)

## Additional Pack Rules

1. Decals and painted designs must be **age-appropriate** for **all Cub Scouts**.
2. All cars in the Pack Race shall be built **new** for this year's race; cars built for previous races are **not** permitted. Cars built for previous races cars **may be used** in the Family Race.
3. The front of the car should have a center flat section of at least 1/2 inch for the starting pin.
4. Each car will be inspected and weighed with the official Pack scale.
5. Once a car has been accepted at Weigh-In, no further modification can be made, and **no one** may touch the car except for Race Officials.

## Tips

1. Make sure the wheels are straight. Also, make sure the wheels are straight.
2. Make sure your car weighs as close to 5.0 ounces as possible without going over.
3. Put the axle slot that is closest to the edge of the wood block toward the back of the car.
4. Place your bulk of your weights about 2/3 of the way toward the back of the car.
5. Learn more about the science behind building a fast Pinewood Derby car:  
<https://www.youtube.com/watch?v=a5A6SCE0eVw>
6. For a selection of BSA Certified wheels, axels, and other supplies, visit the Scout Shop, local hardware stores, or go online to  
<https://www.scoutshop.org/catalog/category/view/s/pinewood-derby/id/979/>