

2021 Bayside District Pinewood Derby

Cub Scout Pack's Guide and Registration Form



Saturday, March 13, 2021

Facebook Live & Zoom

Bayside District Pinewood Derby

Derby Date: Saturday, March 13, 2021

Derby Location: Streaming on Facebook Live and Zoom

District Derby Chair: Paul Hunter, 757-816-0858 or cubmasterpack246@gmail.com

District Executive (Car Collection): Rich Becker, richard.becker@scouting.org

Derby Eligibility: The top three finishers of each rank from every pack in Bayside are eligible to race. Arrow of Light Scouts (AOL) that have just bridged to a troop are still eligible.

Fees: Qualified pack racers \$8.50 per car

Registration: Pack Coordinator, please register your unit online at

<https://scoutingevent.com/596-BAPWD>.

The registration and car turn-in deadline is **Tuesday, March 9, 2021**.

*****Derby Car Collection*****

The Pack Coordinator will collect winning cars at the conclusion of the Pack Derby and turn them in at the Mary Jayne Breeden Council Service Center after registering them online.

To submit your car:

- Cars must be in a sealed zip-top bag. Inside the bag, place a completed [2021 Pinewood Derby Car Entry Form](#), listing the youth's name, pack, and rank.
- All cars should have graphite applied to the axles prior to being placed in the bag and dropped off at the Mary Jayne Breeden Council Service Center.

After the race:

- Cars that are not moving on to the Council Pinewood Derby can be picked up from the Mary Jayne Breeden Council Service Center on Tuesday, March 16, 2021.
- Patches will be placed inside each vehicle's plastic bag at the race.
- For those who win their rank, trophies will be handed out when the car is picked up. Cars that qualify for the Council Pinewood Derby will be held at the Mary Jayne Breeden Council Service Center for the race on April 10, 2021.

Cars must pass inspection in order to race. The District Derby Chair has the final word on car and racer qualifications.

Awards: All district registered racers will receive a patch. Trophies will be presented to the top three finishers of each rank and the top three finishers of the District Overall races.

Derby Tips:

1. Please follow the official rules for car construction. Cars not built to the specifications will not pass inspection and will not race.
2. Remember the Scout Oath and Law, and good sportsmanship.

Derby Schedule:

Opening Ceremony

Approximately 8:45 AM

Races:

Begin immediately following the opening ceremony

Derby Schedule:

Rank	Race Start Time**
Arrow of Light (Grade 5)	9:00 AM
Webelos (Grade 4)	9:35 AM
Bear	10:20 AM
Wolf	10:55 AM
Tiger	11:35 AM
Lions	12:00 PM
Finals	Immediately following Lions Approximately 12:45 PM

**Start times are tentative and may be delayed, depending upon the number of racers. In no case will a rank begin racing before the scheduled start time.

Awards:

At conclusion of Final Races

Pack WORKSHEET for Bayside District Pinewood Derby

Pack # _____

Registration is on Black Pug at <https://scoutingevent.com/596-BAPWD>

The following Cub Scouts are eligible racers for their rank. Please also include one backup racer:

LION

1st _____

2nd _____

3rd _____

Backup: _____

TIGER

1st _____

2nd _____

3rd _____

Backup: _____

WOLF

1st _____

2nd _____

3rd _____

Backup: _____

BEAR

1st _____

2nd _____

3rd _____

Backup: _____

WEBELOS

1st _____

2nd _____

3rd _____

Backup: _____

ARROW OF LIGHT

1st _____

2nd _____

3rd _____

Backup: _____

Bayside District Official Pinewood Derby Rules

Car Specifications:

1. Width - 2 $\frac{3}{4}$ inches.
2. Length - 7 inches.
3. Gross weight - shall not exceed 5 ounces.
4. Width between wheels – 1 $\frac{3}{4}$ inches
5. Clearance between car bottom and track – no less than $\frac{3}{8}$ inch.
6. Height - 3 inches maximum (finish line gate will obstruct a taller car).
7. Wheelbase can be modified provided the front wheels do not extend past the front of the car itself.

Car Rules:

1. Wheel bearings, washers, bushings and springs are prohibited.
2. Only official Cub Scout Grand Prix Pinewood Derby wheels and axles are permitted.
3. The car shall be freewheeling with no starting device(s).
4. Only dry type lubricant is permitted. (i.e. graphite).
5. Wheels and axles may not be altered. Wheels and axles may be polished to remove imperfections. No changes to the size or shape of the wheels and axles are permitted.
6. The entire car must line up behind the starting post.
7. Weights must be fastened securely, and paint shall be dry.

Race Rules:

1. A Scout must be present for his or her car to be raced. Exceptions may be granted by the Race Director on a case-by-case basis.
2. Cars shall be inspected and weighed by race officials to ensure that all cars fulfill the race requirements. Once a car passes inspection, it will be impounded until its racing has been completed.
3. Only Racers and Officials are permitted inside the impound or track areas.
4. Races will be run by Rank – Lion, Tiger, Wolf, Bear, Webelos, and Arrow of Light. Trophies shall be awarded for the three fastest cars in each Rank Group. Trophy winners will also race against each other for 1st, 2nd, and 3rd place District Overall trophies.
5. Protests and problems should be brought to the attention of the Race Director immediately. No protests will be allowed after the start of the next race.
6. The Race Director, at her/his *sole* discretion, **may** take any actions they deem necessary for fairness, safety and good sportsmanship. All decisions of the Race Director shall be final. The Council will not mediate protests.

Information for Scouts and Parents

Bayside District Pinewood Derby

Congratulations to the Scouts on making it to district races!

This guide will help you prepare for race day.

1. **LUBRICATION & ADJUSTMENTS:** Please conduct final lubrication and adjustments prior to check-in. Lubrication is not provided. Once cars are inspected, they can't be modified.
2. **INSPECTION:** Each car will be inspected and weighed by Race Officials and after passing inspection will be impounded.
 - a. If a car should fail inspection, we will attempt to contact the Scout's family for potential problem-solving solution and re-submit the car for inspection.
 - b. Unless an Inspector, in the interest of fairness and at their discretion, authorizes it, no other work on a car will be permitted. The car must pass inspection after any such authorized work.
 - c. Work will only be performed in the Pit Area, under the supervision of the Pit Official.
 - d. Tools will be provided; however spare parts may not be available.
 - e. In all cases, if a car has not passed inspection when its first race is called, that car shall be disqualified from the Derby.
3. **RACING OVERVIEW:** All races will be run using rotations for maximum possible fairness and competition. This system ensures that each car will run at least once in each lane, and against the widest possible selection of other cars.
 - a. Within a Group, every car will race a minimum of four times (Heat Races). Points will be awarded based on a cars finishing position.
 - b. The top three cars in each rank group will receive trophies, and race for District Overall.
 - c. The top three finishers also qualify to race in the Tidewater Council Pinewood Derby.
4. **INCIDENTS:** In the event that a car experiences an on-track malfunction, to include leaving its lane or the track, the race will be 'Yellow Flagged'. No results will be recorded, and unaffected cars will be returned to the starting line, in their original lanes. Cars affected by the malfunction shall be retrieved by their Scouts and taken to the Pit Area.
 - a. Using the same Pit Area procedures as above, the team will attempt to make repairs to his car or check and adjust wheel alignment. Repair work takes precedence over all other work.
 - b. During this Yellow Flag period, the track shall be checked for damage or problems and the lanes swept to remove any debris.

- c. The Pit Official shall check any repairs and approve the return of the car to the track. The Scout shall return his car to the start line in its original lane and the race shall be re- run.
- d. A car causing a second Yellow Flag shall be disqualified from further racing in this Derby unless the Race Director determines that an external factor caused one of the car malfunctions.

5. CONDUCT: One of the goals of the Pinewood Derby is to help Cub Scouts learn good sportsmanship.

2021 Pinewood Derby Car Entry Form

*****Each Car must be in a resealable bag with an Entry Form*****

Scout's Full Name: _____

Pack # _____ Rank: _____

Information is for racing level and to return car to the owner.

Parent's Full Name: _____

Best Phone # _____

Email: _____

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