



2025 AQUILA DISTRICT PINEWOOD DERBY SCHEDULE



Saturday, March 29, 2025
Aquila District
Championship Race

Bethel Fire Department
36 South St., Bethel, CT 06801

Register at:

<https://mycouncil.ctyankee.org/Event/1378>

Who can race? The **top three winners** from each rank (Lion, Tiger, Wolf, Bear, Webelos, and Arrow of Light) in the Pack Race will qualify to compete in the District Championship Race.

- We encourage all Packs to schedule their **Pack Pinewood Derby Races** before this date.
- For consistency, we ask Packs to adopt the **CYC Official Pinewood Derby Guidelines** for their race.

Saturday, May 17, 2025
CONNJAM 2025 – Pinewood Derby
Council Championship Race

Location: Orange Fairgrounds, Orange

The **top three winners** from each rank (Lion, Tiger, Wolf, Bear, Webelos, and Arrow of Light) in the District Championship Races will qualify to compete in the Council Championship Race at ConnJam.

Questions?

Contact Jonathan Smith
j2smithfamily@gmail.com
203-984-8539

District Schedule

9:30am	-AOL's
10:15am	-Webelo's
11:00am	-Bears
11:45am	-Wolves
12:30pm	Lions & Tigers
1:00pm	- DISTRICT CHAMPIONSHIP

CYC Official Pinewood Derby Guidelines

These are the Guidelines for District and ConnJam Races

General Rules:

- You must use the Official BSA Pinewood Derby Kit. No other body, axles or Wheels will be accepted.
- The car **MUST** have been created in the year that the race is taking place.
- The car **MUST** have been created by the CUB SCOUT racing it.
- As each car is registered, it will be weighed in and checked for the following inspection points:

Pinewood Derby Car Dimensions

- ◇ The overall length of the car shall not exceed 7 inches.
- ◇ The overall width of the car shall not exceed 2 ¾ inches.
- ◇ The car must have 1 ¼" clearance between the wheels.
- ◇ The car must have 3/8" clearance underneath the body so it does not rub on the track.
- ◇ The car must not be taller than 3" tall.
- ◇ The wheelbase (distance between front and rear axles) is 4¼ (4.250) to 4 5/8 (4.625) inches.

Derby Car Weight

- ◇ The car weight shall not exceed 5.00 ounces.
- ◇ The official race scale that is used at car check-in shall be considered final.

Wood, Wheels and Axles

- ◇ The official pine wood block must be used. The block may be shaped in any way.
- ◇ Bending of the axel will be allowed. **The four wheels must be in contact with the track** and it meets the wheel-width guideline. The axles may not be altered except for polishing and lubrication.
- ◇ Official BSA wheels must be used. The wheels may not be cut, drilled, beveled, or rounded. You may only remove the seams and imperfections from the wheels. Excessive sanding will be considered "lathing" and may be disqualified based on decision of the Racemaster.)
- ◇ The official nail axles must be used and may not be altered except for polishing and lubrication.
- ◇ Dry lubricant is the only type of lubricant that will be allowed.

Car Modifications Not Allowed

- ◇ Wheel bearings, washers or bushings are prohibited.
- ◇ The car must not ride on any type of springs.
- ◇ No starting devices. The car must be freewheeling.
- ◇ No liquids or loose material of any kind, such as lead shot, may be used.

Other Pinewood Derby Race Rules

- Once a car passes inspection and is entered into the race, only race committee members can touch it.
- If the car loses a wheel, or is otherwise damaged, the racer shall have 5 minutes to make a repair.
- Each car must pass inspection by the official inspection committee before it will be allowed to compete.
- Lubrication must be done before arrival (no graphite allowed in Race site).
- The Inspection Committee has the responsibility to disqualify those cars that do not meet these specifications. All decisions of the Racemaster are final.
- Unsportsmanlike conduct by any participant or spectator will be grounds for expulsion from the competition or the race area.

Please arrive 1/2 hour before race time for weigh-in and registration!