



# The Pintwood Derby Rules

formerly the Construction Industry Pinewood Derby

**August 14, 2025 @ Tarlton Corporation**

5500 W Park Ave, St. Louis, MO 63110

5:00-5:45 pm check-in

6:00 pm races begin

8:00 pm closing and awards

Thank you for your support of and participation in our Pintwood Derby.  
Your gift provides thousands of youth with a quality Scouting experience that is:  
*Building strong values and character during challenging outdoor activities.  
Developing a positive sense of self-worth by setting and achieving goals.  
Strengthening leadership skills and relationships with peers and adults.*  
**THANK YOU - you are changing lives!**

Car specifications are:

- maximum length shall not exceed 7-inches.
- maximum width (including wheels and axles) shall not exceed 2-3/4-inches.
- maximum height shall not exceed 5-inches (measured from bottom of wheels).
- minimum clearance between the bottom of car and bottom of wheels when placed on a flat surface shall be NO LESS than 3/8-inch (weights attached to the bottom of the car may not pass inspection).
- minimum width between the inside surfaces of the wheels shall be 1-3/4-inches so the car will clear the center track guide.
- The front of the car that rests on the starting pin shall be flat and must not be narrower than 3/8-inch in width.
- No mechanical propulsion allowed (no motors, fans, dead-blow weights, etc).

We will have two race classes:

- **STANDARD** 5 ounce weight limit and standard Pinewood Derby wheels (the ones that come in the box!) and
- **UNLIMITED** NO RESTRICTIONS, any weight, any wheels, lathed axles, bearings, the only limit is your imagination - and maybe your budget!

Track specifications can be found at [www.besttrack.com/track\\_specs.html](http://www.besttrack.com/track_specs.html)

Do not feel obligated to use the standard derby block of wood – be creative! We want each car to exemplify the industry, group, or organization sponsoring it. Why not consider using materials that are representative of what you do? Be creative and imagine the possibilities that could involve electronics, composite materials, or sheet metal and other alloys. In addition to awards for fastest car, judges will be present to select the “best of show.”

No time to build a car? Go ahead and use a car from the past – or derby cars can be purchased online (Google can be a good friend here!)

While there is no category for “best-dressed,” consider wearing your team’s gear to identify yourselves. Make it fun!

If you have any questions, please contact Michael with Greater St. Louis Area Scouting at [Michael.Cooper@scouting.org](mailto:Michael.Cooper@scouting.org) or 407-353-3455.

Updates will be available online at [stlbsa.org/give-now/special-events](http://stlbsa.org/give-now/special-events).