

Pack 646
Pinewood Derby
Cub Scouts, Start your engines!!

We will be holding our annual Pinewood Derby race at our January Pack meeting. Below are the official rules for the event.

Pinewood Derby Rules:

- Cars MUST be made in the current scouting year.
- Cars MUST be made by the Cub Scout, can be assisted by an adult.
- Cars MUST be made from the parts that are in the kit. If a part is missing it may be replaced with parts you can get from the Scout Service Center. You may add extra wood, fenders, etc. as long as you do not go over the limits set for width, length, and weight. Solid axels are prohibited.
- Total width of the car shall not exceed 2 $\frac{3}{4}$ inches. Car must have 1 $\frac{3}{4}$ inch width measured from inside to inside of the wheels, with a $\frac{3}{8}$ inch clearance from the tabletop to the bottom of the car.
- Total length of the car shall not exceed 7 $\frac{1}{4}$ inches.
- Total weight of the car shall not exceed 5 ounces.
- Cars shall not ride on any type of springs.
- Wheel bearings, washers, or bushings are prohibited between wheels and body of car.
- Any details added must be within length, width, and weight limits and must not interfere with other cars on the track or fall off the car as it goes down the track.
- Cars must be free-wheeling with no starting or propulsion devices.
- Wheels cannot be altered, beveled, ridged, crowned, drilled or altered in any way. Wheels may be sanded flat to remove imperfections.

Inspection:

Each car must pass inspection by the Race Committee before it may compete. After a car passes inspection the car will be impounded by the committee and only Committee members may handle the cars. No modifications will be made to the car after the car is officially qualified or after the race has begun (other than to repair a damaged car, under the committee's supervision).

Race:

If a car leaves the track, runs out of its lane, interferes with another car, loses a wheel, etc. The heat will be re-run. If the same car gets into trouble on the re-run, that car will lose that race only. It will race in the next heat.

Derby Committee will have final say in the event of protests.