

## **2020 Pinewood Derby Race Rules-Checkin times have changed for District Race.**

**-Not all Pinewood Derby Rules are the same, so please read all the rules. NEVER assume anything.**

- Cars must have been constructed in the 2019-2020 Scout Year. Parts made in previous years may not be used.
- Car width shall not exceed 2 ¾". Car length shall not exceed 7". Car weight shall not exceed 5 oz.
- Car height may not exceed 3 inches. Car width between wheels must be at least 1 ¾", so the car can fit on the center guide.
- Extended wheel base is NOT permitted for the Cub Speed Race.**
- 4 ½ inches is the maximum distance between front and rear axles for the **Cub Speed Race**.
- Use of axle slots is NOT a requirement. There is no minimum distance requirement between axles.
- Car **bottom clearance** between car and track surface must be **at least 3/8"**. (Recess the weights on the bottom of the car.)
- (Don't use axle guards because they may violate the 3/8 inch clearance under the car rule.)
- Car is required to have at least 3 wheels. Car may ride on 3 wheels. One wheel is allowed not to touch.
- Only powered graphite is permitted.
- NO** wet lubricant is permitted. Wet lubricant will damage the track.
- After the car goes to the Pit area, **NO** more graphite can be added to any car at any time. **No** adding graphite between races.
- Must use BSA wheels, BSA axles, and BSA car body.
- One piece axles** are discouraged from using. (One piece axles are slow and cause problems.)
- The wheel's tread area must remain flat (parallel) to the wheels hub and cannot be altered, but light sanding is permitted.
- All parts and weights must be secured to car.** Any weight that falls off the car during the race stays off for the duration of the race.
- No liquid mercury.
- Wheel bearings, washers and bushings are prohibited. Washers may be used as weight as long as they do not touch the wheel.
- The car shall not ride on springs. No wheel covers or hubcaps.
- Details, such as steering wheel and driver are permissible as long as these details do not exceed the maximum length, width, height, and weight specifications.
- The car must be free-wheeling, with no starting devices, magnets, slip weights, or adhesives.
- All parts of the car must rest **behind** the gate side of the starting post. The front part of the car which will rest on the starting post must be at least ¼ inch wide and **not pointed**. Cars with pointed front ends may result in a delay of the car being detected.
- Each car must pass inspection by the official Inspection Committee before it may compete.
- If, at check-in, a car does not pass inspection, the owner will be informed of the reason for failure, and will be given time within the official check-in time period to make the adjustment.
- The parents will be responsible for any changes that need to be made to the car to pass check-in and weigh-in.
- A car is NOT declared as passing any part of the inspection until it has passed all of the inspected areas at one time.
- It is the responsibility of the racer and the parent to make sure their car is facing the proper direction on the track at the starting line and that their car is placed on the proper lane. Any problem must be immediately addressed **before** that race begins.
- The finishing order determined by the finish line will stand as the official results.
- If a car jumps the track and interferes with the other cars, then the heat will be rerun only once. The second time the car jumps the track in that heat then the car is disqualified.
- Cars that don't pass inspection may be allowed to race, but they will not be eligible for prizes.

### **The top 3 from each rank will be moving on to the Hetuck District Cub Speed Race on Sat April 18.**

There will also be an **Open Youth race**. Open Youth race is open to **Scouts** that are not racing in the Speed Race and open to **Scout siblings**.

There will also be an **Open adult race**.

There will also be a **turtle race** in which the winner is the last car to the finish line.

If someone of the top 3 from each rank cannot make it to the Cub Speed Race then anyone from that rank can fill in for the scout. This substitution can happen even on the day of the race. The more spots from the top 3 of each rank that get filled in, the more your pack has a chance to win a Pack trophy.

**When:** Saturday, April 18, 2020.

**Where:** St. Michael Catholic Church Gymnasium

Corner of Whipple and Fulton Drive, Canton, Ohio

3430 St. Michael Blvd NW, Canton, Ohio 44718

Enter gymnasium at the bell tower.

### **Check-in times have changed from last year.**

**Check-in** for **Cub Speed Race** is **11:30 am – 12:30 pm.** BUT starting at **12:30** any Cub Scouts can enter the Cub Speed Race **if there is an available space.** **If you are in the Cub Speed race and arrive after 12:30 you may lose your spot.**

**Check-in** for OPEN Youth, OPEN Adult Race, and Turtle Race is 11:30 pm – 1:00 pm-----Starting at **12:30** any Cub Scout can enter the Cub Speed Race **if there is an available space.**

**Derby starts:** 1:30 pm

**Pack fee is \$25. After the pack pays the \$25 to Buckeye Council then everyone from that Pack goes for free.**(Includes Scouts, siblings, Moms, Dads, Grandpas, and Grandmas)

**All scouts will be able to race at the Hetuck District race on Saturday April 18.**

**Put Saturday April 18 on you Pack calendar as a Pack event. Your Pack can win trophies for itself as a group. Win a Pack trophy for "Pack with the most wins" and "Most Enthusiastic Pack."**

**Tell your Cubmaster that you want your pack to race in the District Pinewood Derby race April 18, 2020.**