

### **Inspection Information:**

- Each car must be inspected before the race, upon arrival
- Simple modifications will be allowed, such as removing a little material to be at or under the 5 oz weight restriction.
- Any modifications involving the replacement of wheels, or significant adjustment will be not allowed
- Race marshals have final say on qualification of a car - Please refer to the rules for the race.
- Awards will be given for - Grand Prize (Fastest Car), Best Paint Job, Most Unique Design, the top three cars in each age bracket, & the slowest car in each age bracket
- The awards will be announced at the end of all races.

### **Inspection Process: (see rules for more information)**

- Each racer is asked to arrive at 4:00pm on Saturday, October 19th to get your car inspected
- Races will begin approximately at 4:30pm when all inspections are complete
- Please have all the cars ready for inspection when you arrive at your assigned time.
- **The church will NOT provide material to modify the car - Please come with car prepared & as close to the appropriate weight, as possible**
- Inspection will look at weight, size, wheels, axles, and for the required information.
- The inspection process will include matching cars to registrations, assigning a race number, and placing the car safely in that rank's race location.
- Once the cars have been inspected, then you are done with the process.

### **Goals of 2025 Pinewood Derby Race**

- Good Sportsmanship is taught by following the derby rules and cheering on friends as they race against others
- Personal achievement comes to anyone who picks up a woodworking tool and shapes raw wood into a sleek design.
- By learning woodworking, he/she learns valuable skills that can be used in life
- Family relationships are enhanced as racers build their car with sons, daughters, mothers, fathers, husbands, wives, etc.

### **Rules of 2025 Lincoln Park Baptist Church Pinewood Derby Race**

#### **I. Car Specifications:**

1. Maximum Width - 2 3/4 inches.
2. Maximum Length - 7 inches.
3. Maximum gross weight - 5 ounces.
4. Minimum Width between wheels (inside to inside of wheel rim) – 1 3/4 inches
5. Minimum bottom clearance between car and track – 3/8 inch.
6. Maximum Height - 3 inches

#### **II. Car and Race Rules - Simple Version:**

1. Build your car using the materials and instructions that come in your kit
2. Do your best, be creative, come out and have fun!

#### **III. Car Rules**

1. **Each racer must build their own car** - adult supervision & help is encouraged, but those whose names are registered with their cars must play a large part in building that car - Please do not take advantage of the age brackets
2. **Only cars built this year may enter this event.**
3. **Purchased pre-assembled cars, cars and parts purchased from third party resellers, or any other car not made by racer may not enter this event.**
4. **Cars are to be kept "Family Friendly"** - All cars with profanity or "Adult" content will be disqualified and asked to be removed from the premise.
5. **Car Body:**
  - a. Only the wood body or provided kit will be permitted to be used as the car body structure.
  - b. Metals, plastics, composites or any other materials are not allowed as a structural part of the car body.
    - This section does not prohibit metal weights, wood fillers, paint or decorations as long as they are not a structural component of the car.
  - c. The entire car, including wheels, must line up behind the starting post.

- d. Weights and decorations must be fastened securely. No loose parts are allowed to be on or in the car.
- e. The car shall be freewheeling with no starting device(s).
  - i. This section prohibits the use of magnets, springs, “sticky” front surfaces or any other condition deemed by the Race Officials to be a starting aid or device.
- f. The pre-cut axle slots are not required to be used; however the axles must be installed directly into the wood car body, not another material on or in the car body.
- g. Paint shall be dry.

#### 6. Axles

- a. Only Official Pinewood Derby axles are permitted. No other axles are allowed. Straight, one-piece solid axles (one axle for two wheels) are not allowed.
- b. Removal of imperfections and polishing of axles is permitted.
- c. Axles may not be modified or altered. This section prohibits the following:
  - i. Any modification or alteration that changes the shape of the axle or axle head including:
    - 1 Cutting, beveling, grooving, slotting of the axle shaft, point, or axle head.
  - ii. Any clad, coated, treated or other exotic finished axles (This includes Official axles altered or modified in the same manner and resold by third parties).
  - iii. Springs, washers or bearings (Graphite pads or other components on the side of the car body where the wheel touches the car are considered bearings and are not allowed).

#### 7. Wheels

- a. Only Official Pinewood Derby wheels are permitted. No other wheels are allowed.
- b. Wheels may be lightly sanded and polished to remove tread surface imperfections. After polishing the following conditions must exist:
  - i. All lettering, on the outside and inside of the wheel must be visible and untouched.
  - ii. Tire ridges along the outside of the tread must be visible.
- c. Wheels may not be altered. This section prohibits the following:
  - i. Cutting, beveling, grooving, drilling or lathing of any part of the wheel.
  - ii. Any modification or alteration that changes the size or shape of the wheel.
  - iii. Removal of any material from the inside of the wheel.
  - iv. Any change to the width or size of the tread area including rounding, cupping, slotting or railing the wheel.
- d. Wheel coverings (hubcaps) are not permitted.
- e. Dry lubricant (i.e. graphite) only. Liquid lubricants are not allowed.
- f. All cars must have four wheels and they must be aligned with the direction of travel and installed as to run outside the lane center strip on the track.
- g. Wheels must be installed in pairs opposite of each other with no staggering of the alignment.

#### 8. All decisions of the Race Officials shall be final.

#### 9. Any car with illegal wheels will be absolutely rejected or impounded without competing at the time of the race.

- Judges can use any method to determine if the wheels have been altered including removing the wheels.

#### IV. Race Rules - Fine Print Version:

- 1. Proxy racing is not allowed. Cars must be presented for inspection and raced by the race officials
- 2. Cars will be weighed-in on the official race scale. The official scale will be the final determination of the weight of the car. The Race Officials will be the final authority as to the method and procedure for weighing the cars.
- 3. Cars will be inspected to determine if all of the specifications have been met. Close attention will be paid to the wheels and axles. The Race Officials will be the final authority as to whether the car has been built within the rules of this event.
- 4. Cars will be impounded for racing after inspection and weigh-in. The cars will be placed in the impound area and no further adjustments will be allowed. Car will be returned after the race.
- 5. Only Event Officials are permitted inside the impound area or track area. Violation of this rule may lead to disqualification and dismissal from the event.
- 6. Race officials will eject immediately anyone with behavior that distracts or obstructs the event.

9. Races will be run by age range – Age 6 & under, Age 7-16, Age 16 & above, and an overall final.
10. Race times and positions, if displayed, are to be used for reference only.
11. Race times and positions will not be available for request at anytime during the race day.
12. Scoring shall be completely determined by the Race Officials - The top three finishers from each rank will advance to the finals Grand competition.
13. In the event of a tie for any of the top three positions an extra set of runs may be used to break it, and this will be determined by the Race Officials.
14. If a low number of ages are entered for a particular bracket, the racing format may be changed from one format to another. This change will be at the discretion of the Race Officials.
15. Cars that jump the track two times will be disqualified.
16. In the event of a car's breakdown due to another car or factor in competition a maximum of five minutes of "pit time" may be allotted for repairs. The "pit time" will be at the discretion, and under the supervision, of a Race Officials.
17. All decisions of the Race Officials shall be final.
18. It is up to the racers & their parents/guardians to ensure all registration information for their car is complete and correct at the time of final inspection.

#### V. Inspection Rules

1. The inspection process for pinewood racecars is decided and agreed by the Lincoln Park Baptist Church Race Officials.
  - The process can be changed and voted on at any time before and during the process if required by any combination of factors.
2. The default inspection process is as follows unless redefined by the committee:
  - All forms will be submitted with clear legible names before the time of inspection.
  - Any information not clearly written will be acquired by best guess.
  - Any adjustments to pass inspection by any car are to be determined by the Race Officials.

Good luck Racers... Start Your Engines!

If you have any question or uncertainty of the rules or the race, please contact:  
Pastor Daniel Pierce at 541-659-0638 or [dpierce4hisservice@gmail.com](mailto:dpierce4hisservice@gmail.com).