



## WHAT ARE THE RULES OF PINWOOD CHAMPIONSHIP RACE DAY?

### RACE FORMAT

There will be one race for each of the following categories:

- K-5th Grade
- 6th-12th Grade
- Adults

Each car will run on each of the track lanes.

### PINWOOD DERBY CAR DIMENSIONS

- The overall length of the car shall not exceed 7 inches.
- The overall width of the car shall not exceed 2 inches.

### DERBY CAR WEIGHT

- The car shall not exceed 5.0 ounces.
- The official scale shall be considered final.

### WOOD WHEELS AND AXLES

- Absolutely NO graphite or other lubricant can be added to the cars inside the museum.
- Official Scouting America wheels must be used. The wheels may not be cut, drilled, beveled, rounded or machined. You may remove the seams and imperfections from the wheels.
- No wheel covers are allowed.
- Four wheels must be on the car.

### MODIFICATIONS

- Full name must be permanently displayed on the bottom of the car.
- The car must have 1 3/4-inch clearance between the wheels.
- The car should have 3/8-inch clearance underneath the body so that it does not rub the track.
- Wheel bearings, washers or bushings are prohibited.
- The car must not ride on springs of any type.
- No starting devices.
- The car must be freewheeling.
- No loose materials of any kind are permitted.
- If a car is visibly damaged and a repair is needed, the car owner may repair it with a race official present and then re-pass inspection. Repair is limited to the damaged section of the car.

### OTHER RACE RULES

- Everyone is welcome to race.
- Only one car per museum admission on championship race day.
- All cars will be given a brief technical inspection. The cars qualifying for the final races will be given a thorough inspection.
- Once a car passes inspection and is entered into the race, only officials can touch it.
- Any car weighing less than five ounces may add weight to the car to pass inspection.

## CAN THE TRACK BE RENTED OUT FOR SPECIAL EVENTS?

No. If a group would like to use the track, they simply come to the museum, pay admission and race.

## WILL THERE BE A BEST IN SHOW CONTEST?

The Best in Show contest takes place alongside the official race on Race Day. All entries for Best in Show must register their car by 2 p.m. that same day to participate. Participants can be in both the race and Best in Show contest, but the car must be registered and at the Best in Show booth by 2 p.m.

## WHAT ARE THE RULES FOR BEST IN SHOW?

The Best in Show contest focuses on style over function, but entries must still meet the following guidelines:

- Participants must register in the appropriate age bracket to compete – youth (ages 5-16) and adult (ages 17+).
- Car must be made of wood.

*If a car is also participating in official race, the car must abide by the race official rules.*

## WHAT ARE THE CATEGORIES FOR BEST IN SHOW CONTEST THIS YEAR?

### YOUTH CATEGORIES:

- **Indiana:** These cars must be representative of something about the state of Indiana, its commerce or its culture.
- **STEM:** These cars must be representative of science, technology, engineering or math.
- **Most Creative:** Uniquely designed cars that do not fit into one of the previously stated categories.

### ADULT CATEGORIES:

- **Indiana State Museum:** These cars must be representative of the Indiana State Museum or its state historic sites, its collections, areas of research or expertise, mission or values.
- **Most Creative:** Uniquely designed cars that do not fit into the previously stated category.

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