

## Pinewood Derby Rules Pack 49

Read the rules and specifications found in your kit. Discuss your ideas with your parent or adult partner and determine a plan for the construction of your derby entry.

**Width.** The overall width of the car shall not exceed 2 3/4 inches.

**Length.** The overall length of the car shall not exceed 7 inches.

**Height.** The overall height must not exceed the lowest point on the finish line timer device. That height requirement will be measured and available from the Pinewood Derby Racing Commission no later than 5:00 p.m. three weeks prior to race day.

**Weight.** The weight of the car shall not exceed 6 ounces. No loose materials of any kind are permitted in the car. The car may be hollowed out and built up to the maximum weight by the addition of wood or metal only, provided any additional material is securely built into the body,

**Wheel bearings, washers, and bushings are prohibited.**

**Springing.** The car shall not ride on any type of springs.

**Details.** Details such as the steering wheel, driver, decals, painting, and interior detail are permissible as long as these details do not exceed the maximum length, width, height, and weight specification

**Attachments.** The car must be freewheeling, with no starting devices.

**Inspection.** Each car must pass inspection by the official inspection committee before it will be allowed to compete. The inspectors have the right to disqualify those cars that do not meet these specifications. All cars will race, but disqualified cars will race separately, and will not be considered for speed awards and trophies.

If a car leaves the track, runs out of its lane, interferes with another car, loses an axle, etc., the heat will be rerun. If the same car gets into trouble on the second run, the contestant is disqualified and automatically loses that race. If, on the second run, another car is interfered with, the heat will be run a third time but without the disqualified car.

### Pinewood Derby Rules

1. All cars must pass inspection to qualify for the race. The inspection points are as follows:
  - a. The car must have been made during the current school year.
  - b. The width of the car shall not exceed 2 3/4 inches.
  - c. The length of the car shall not exceed 7 inches.
  - d. The weight of the car shall not exceed 5 ounces. The height of the car shall not exceed \_\_\_\_ inches.
  - e. Axles, wheels, and body wood shall be as provided in the kit (no aftermarket allowed).
  - f. Wheel bearings, washers, and bushings are prohibited.
  - g. Plastic wheels must meet/touch pinewood.
  - h. The car shall not ride on any type of springs.
  - i. Any details added must be within length, width, height and weight limits.
  - j. The car must be freewheeling, with no starting devices.
  - k. No loose materials of any kind (such as lead shot) are allowed in the car.
  - l. The official number must be clearly visible on both sides, or the bottom, of the car. The official numbering scheme will be devised and assigned from each den/patrol leader.