

## PINEWOOD DERBY

1. Pinewood Derby Kit:  
Available from P.F.C., C.S.B., Boys Scouts or your local hobby shop.
2. Rules and Regulations:

The Pinewood Derby is open to all. The boys should build the cars with some adult guidance. Any technical assistance should be fully explained to the boy so that he can use that knowledge on future projects. The car must be built from the parts supplied in the kit. No modifications.

**CAR SPECIFICATIONS: Width - 2-3/4"; Length - 7"; Weight - not over 5 Ounces; Width between wheels - 1-3/4"; Bottom clearance between car and track - 3/8".**

Wheel bearings, washers and bushings are prohibited. The car shall not ride on springs. Only the wheels and axles provided in the purchased kit are to be used. Dry graphite is the only lubricant permitted. Details, such as steering wheel and driver are permissible as long as these details do not exceed the maximum length, width and weight specifications. The car must be free-wheeling, with no starting devices. Each car must pass inspection by the Official Inspection Committee before it may compete. If, at registration, a car does not pass inspection, the owner will be informed of the reason for failure, and will be given time within the official weigh-in time period to make the adjustment.

After final approval, cars will not be re-inspected unless the car is damaged in handling or in a race.

**Helpful Hints:** Since gravity is the force that makes the car run, it is important to reduce friction as much as possible. Apply graphite to the area where the wheel hub contacts the car body, and the inside edge of the wheel that rubs against the guide rail.

3. Preliminary Race of each church is double elimination. Finals are double-elimination also. Winner of the Finals of each age group advance to the Grand Finals.
4. Boy's Ministry Committee members will secure all officials.
5. All cars are to register Friday night
6. Each boy will race according to his age group.
7. There is no additional registration on race – Just bring your car.
8. Awards:  
Preliminary – No ribbons or trophies.  
Finals – 2<sup>nd</sup> & 3<sup>rd</sup> Place Trophies.  
Grand Finals – 1<sup>st</sup> Place Trophy Only
9. Other Categories of Awards for each age group – Best Design and Most Unique