



Dear Trailmen and Parents,

Welcome to the 3rd annual Troop IL-1190 Worthy Derby!!

This year, we have invited several area troops to participate. The race will be held at Trinity Community Church, home of IL-1190, located at 1190 W. Winchester Road, Libertyville, IL 60048

Please read over this note carefully so that you will “be ready” for this event.

Important Dates:

- **December 16th @ 11pm – last day to register RSVP for the event.**
- **Your RSVP is your commitment to the registration fee. Registration fee is \$15 per racer, by either cash, Zelle, or check payable to “Trail Life Troop IL-1190”**
- **January 13th and 20th (IL-1190 Troop ONLY – Check in/Inspection) leave your car at TCC**
- **Friday January 23rd 6pm – Worthy Derby Race! – All remaining racers should be checked in by 6:30pm sharp!**

Car Kits:

- Please purchase a car kit from Ace Hardware. Cost may depend on stores, but it should be about \$4.99/kit.
 - Item #9066601 (block)



- Item #9066592 (wedge)



- Both styles are acceptable as a starting point for shaping your car. Other precut designs may be available at a higher cost. If you choose a different kit than the ones listed, you must verify that the overall size and shape will meet our guidelines below.
- The kit has everything you need to build your car.
- You will be assigned a racing number at check-in once you pass inspection.

Check-In:

- You **MUST** Check-In your car prior to the race by passing inspection (see Building Rules and Regulations).
- The Check-In Inspector(s) will be available 30 minutes before and after the Troop meeting on January 13th & 20th. If you fail the inspection and need modification, you will be able to check-in 30 minutes prior to the race on Race Day.
- All inspections and check-ins should be done before 6:30pm on Race Night.
- Cars will be kept safe at TCC until Race Day.
- The official race scale that is used at car check-in shall be considered final.
- A parent or adult guardian must be present with the racer during “Check-In” (weigh-in and registration).

Design / Building Rules and Regulations:

- Parents and Trailmen may work together on their car
- It's our goal that Trailmen do as much work as possible on their own car
- Parents provide guidance, direction, coaching, and encouragement and can perform work where safety is a concern (Each family determines this for their situation)
- Why do we do this? The primary purpose of the Worthy Derby is to provide time for families, to build great shared memories, learn about a new hobby, and instill good sportsmanship and brotherhood!
- Please read the attached guidelines before building your car. These are the same instructions included in your car kit.
- Please note the following items for further clarification regarding rules:
 - Only dry lubrication should be used.
 - Only “newly built” cars should be used. Do not use a car that has previously been raced.
 - Assigned racer numbers must be placed on the top viewing surface of the car so it is visible to the race coordinators but not underneath.
- Each car must meet these specifications in order to qualify for the race.

- Inspectors at check-in will advise you to make minor modifications to your car to meet the specifications.
- Use your imagination and creativity when designing your car. It doesn't have to look like a car! There are many fun examples on the internet to inspire you.

Guidelines / Building Plans for Worthy Derby Cars:

General Information

- Use only the woodblocks, wheels, and axles furnished in the kit.
- Car plan shown is only to aid you. You may use a design from any source or use your own design.
- The Worthy Derby track is designed with lane strips to keep cars in their proper lanes.

Racing Specifications

- Overall length shall not exceed 7".
- Overall width shall not exceed 2 $\frac{3}{4}$ ".
- Overall height shall not exceed 3".
- The distance between the wheels (side to side) cannot be less than 1 $\frac{3}{4}$ ", or the car will not fit on the track.
- Car weight shall not exceed 5.00 oz. Weight may be added to lighter cars by hollowing out cavities and inserting lead or another metal. Such additions must be built securely into the car.
- Wheel bearings, bushings, and springs are prohibited.
- Addition of decals, driver, steering wheel, cart trim, accessories and painting is permitted as long as they do not cause car to exceed specified dimensions or weight.
- Starting devices are prohibited. The car must be freewheeling.
- The car must pass inspection by Worthy Derby inspector(s) in the categories of weight, length, width, and height. We will use a gauge box for width and length.
- To prevent the bottom of car from rubbing on the lane dividers, be sure clearance is 3/8" minimum.
- At the start of a race, the entire car must stage behind the starting pin. No part of the car can extend over the top of the starting pin.
- Wheels and axles may be lubricated with any dry type of lubricant.

Race Day:

- The race will be Friday, January 23rd (6pm-8:30pm), including pizza for racers.
 - Please wear your uniform and lanyard; we will check you in like a troop meeting.
 - At race day check-in, each racer will receive your race pin (for your lanyard) and pizza ticket.
 - Each person attending the race will receive (1) Best-In-Design Ballot.

- Each racer should race at least three times, maybe more. The race match-up and pool will assign racers at random.
- This is an electric timing system; we will use the race software to assign the race matchup.
- The lane assignments are random and should cycle through all lanes not to give an unfair advantage.
- In a tie, a one-race run-off will determine the winner. A random drawing will determine the two or three tied contestants' lanes.
- Invite friends and family to come to this fun event.
- Racers, please turn in your tickets for your pizza. Additional non-racer pizza will be available for purchase.

Awards

- Trophy prizes for 1st, 2nd, 3rd, and 4th Place will be awarded in the **Speed** category.
- **Design** awards will be determined by "People's Choice" for 1st, 2nd, 3rd, and 4th Place. Each person attending the race will have a chance to vote for their favorite cars.

If you have any questions, please feel free to ask a leader!

Walk Worthy!

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