



Rules Overview

- Achieva Credit Union Box Car Rally is a fun filled day of racing your homemade gravity powered car. All cars must be homemade or modified, be powered only by gravity only. They must have both steering and brakes, and at least 3 wheels.
- A "Safety Board" of adult volunteers will determine that entries meet safety concerns (i.e., no loose pieces, solid construction, etc). All decisions are final.
- Only registered drivers, including the back up driver, will be permitted to race.
- Achieva Credit Union Box Car Rally uses a no-tolerance rule in how volunteers are treated by others.
- Protective headgear (bicycle, motorcycle, race car type helmet) MUST be worn by ALL drivers. Absolutely NO exceptions will be made.
- All cars must have brakes that will bring the vehicle at full speed to a stop in fifty (50) feet or less.
- No open toe shoes will be allowed.
- Drivers must safely fit into the vehicle and be able to operate steering and brakes.
- Cars must be started by the aid of a ramp start only. No drive mechanisms, engines, rockets, or other propulsion will be allowed. Starting ramps will be provided by Achieva Credit Union.
- You may add weights to cars (although in our testing it appears to make little difference). If you do use weights, all weights besides the driver, must be permanently secured to the car. Carrying weights in pockets/clothing is prohibited for safety reasons.
- The Box Car Rally Committee will assign IDs to cars for tracking at registration check-in.
- Drivers must wear a driver's identification tag on the front of their shirt. This will be given out at driver check in time.
- Cars should be designed with safety first in mind. Creativity in design is encouraged. If a vehicle is deemed unsafe it may be disqualified from competing. Safety Committee decisions are final.
- Drivers must be ready and available to race at their scheduled check-in time. Races will not be delayed for missing or late-to-the-starting-gate drivers. The back-up driver from your team must be available to race your team's car so there aren't any starting delays. Damaged cars will have a limited time to get repaired prior to their starting time. Late arriving cars may get bumped or not allowed to race.
- Each lane will be timed by the finish line judges when the front of the car crosses the finish line. The results will be written down by one of the Race Masters.
- Cars are not racing against each other, but against time. Times will be compared across all heats. Race Master decisions are final. In the event of a tie, either a coin flip or tie breaker heat will be used, at the Race Master's discretion.
- We will do our best to accommodate everyone in estimating race start times. UNDERSTAND, however, we must do one race every three minutes to stay on schedule and this will be a challenge. Your assistance and understanding in this regard is appreciated.