



Tips for Constructing your Pumpkin Racer

There are only a few simple rules to follow:

1. You must fill out a [Race Entry Form](#) to enter the race online or at the Ministry HUB.
2. Pumpkin racers must be fully assembled and ready to race at check-in (5:00 pm on race day). They will be on display prior to racing for judging of design.
3. Pumpkin racers must be less than 20 lbs. (including wheels, axles and decorations) and the wheel base no wider than 16" to fit into a lane for racing.
4. Pumpkins can be solid or hollowed out. A heavier racer is not necessarily the fastest.
5. Racers must have axels through the pumpkin, and must be propelled **only by gravity**. (Fans, motors, explosives, pyrotechnics, etc. are not allowed.)
6. Make sure the axles are parallel so it will roll straight. Many racers are eliminated because they veer off-course before they cross the finish line.
7. Make sure all of your wheels spin freely. We recommend using at least 2.5" wheels. If your wheels are too small, your racer won't get too far.
8. Wheels and axles can be purchased at your local hardware store or recycled from castaways found in your garage or a local thrift store, again, axels must go through the pumpkin. No platforms with wheels will be allowed.
9. Categories for competition: *Fastest*, *Longest Run* and *Most Creative Design*.
10. Have fun making your racer! Pick a theme and be creative. Often the crowd favorites are the most creative entries.
11. Creative inspiration here: <https://www.instructables.com/How-to-build-a-PUMPKIN-RACER-with-two-parallel-ind/>