

Design Specifications – 2018

Clifton Cart Challenge – A STEM Initiative

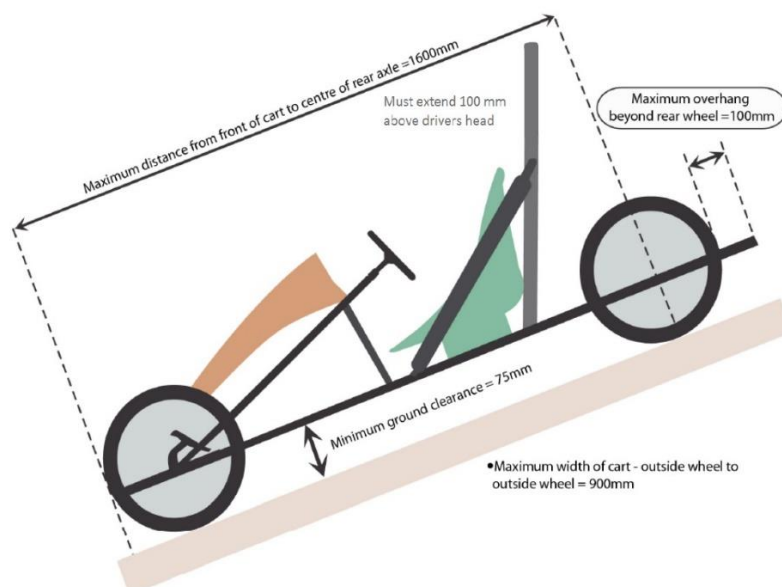
There is no entry fee

The races are held on a grass surface, so it is important to consider this when building your pushcart.

All carts will undergo a safety check and scrutiny pre-race on the day, before being eligible to race.

ALL Pushcarts and Drivers must comply with the following specifications for your cart

1. All drivers **MUST** wear a good condition helmet (bicycle/motorcycle) with a secured chin strap and closed in footwear
2. Four wheel carts only – **NO** three wheel designs
3. Seating must be firmly secured to the cart
4. Steering wheel must be securely fixed to the steering column so as not to cause injury to the driver in the event of an accident
5. Pushcarts to have 4 wheels with diameters **NO** greater than 400mm
6. Maximum distance – front of cart to the centre of the rear axle = 1600mm
7. Maximum width of cart – outside wheel to outside wheel = 900mm
8. Maximum overhang beyond rear wheel = 100mm
9. Minimum wheel diameter for Pushcarts = 150mm
10. Minimum ground clearance = 75mm
11. Push bar to be permanently fixed at rear of car and braced to double as a roll bar
12. Push bar must extend 100mm above tallest drivers head



Please follow dimensions carefully. Incorrectly sized carts will not NOT be permitted to race.