

# The Go Kart Challenge

Set your team the Challenge of designing and building the ultimate racing machine.

Working in groups of 4-7 each team is given the same materials with which to work from: various lengths/shapes of wood, steering rack, axles, wheels, rope, paint, a toolkit and much more besides.



Having first delegated their team to the different tasks: - assembly, design, paint job, drivers, pit crew, etc. teams must then set about creating the ultimate racing machine.



There are a number of different design elements to the Go Kart and teams always come up with novel (and some rubbish) designs!!

Teams must be careful that their creativity and bright ideas are not stolen by industrial spies from the opposition. Once complete – all cars will be 'garaged' until all teams meet at the end of the day for the Grand Prix.

If the weather is good then the whole event can take place outdoors in the grounds of the venue. In the event of bad weather the building of the Go Karts can take place indoors and the Grand Prix outdoors.

All the drivers are equipped with gloves, knee & elbow pads and helmets to prevent them from any injury.

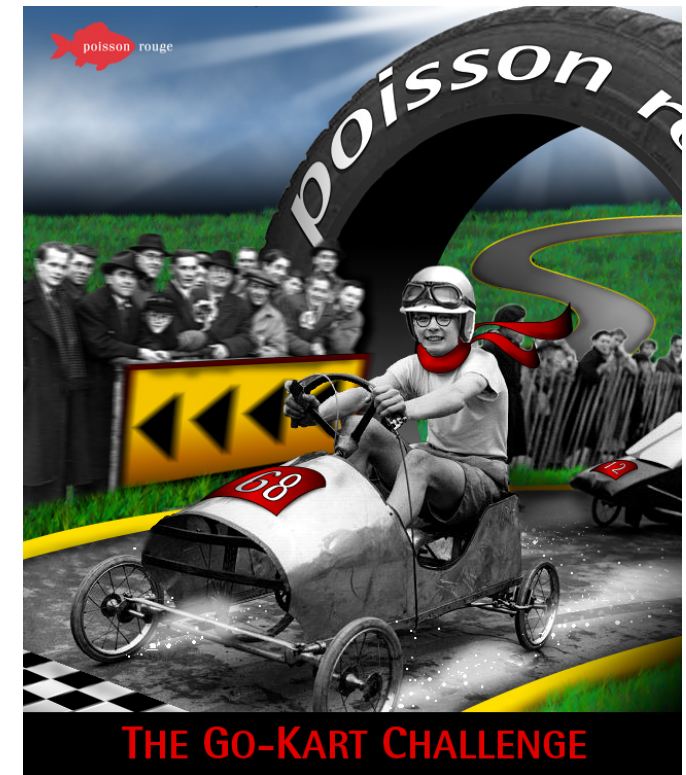


We choose a gentle slope in the grounds of the venue for the Grand Prix. This really is the only requirement of the venue. Each team then unveils their racing machine before test driving it down the prepared course.



Teams will be marked on design, innovation, stability, manoeuvrability and speed.

Prizes can include Motor racing related gifts such as Champagne, drivers' gloves, Garlands, trophies etc.



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