



The Kop Hill Soapbox Challenge 2020 Event Rules and Regulations

The intention is to provide an extra curricular activity for children aged 10 to 17 to participate in the design, construction, maintenance and competition of a soapbox cart.

1) Competition

The 2-day event will be run as follows:

Saturday

- 08.30: Unload Soapbox carts to pre-designated pit area
- 09.00: Sign in, hand in completed consent forms, and meet the teams
- 09.30: Scrutineering of carts as per Soapbox Construction Rules
- 10.00: Practice run for each driver
- 12.00: Event closed for lunch
- 13.30: Round 1 Soapbox race runs (2 runs per driver)
- 15.30: Event closed

Sunday

- 10.00: Round 2 Soapbox race runs (2 runs per driver)
- 12.00: Event closed for lunch
- 13.30: Final Soapbox race runs (2 runs per driver)
- 16.00: Presentation of medals, trophies and prizes

The start ramp will be used to provide the only "thrust" for the competing carts.

The course has been designed with a chicane a small 'Kicker' ramp & a curved bend.

Entry numbers will be provided and must be prominently displayed on each soapbox.

The team name and any sponsors or supporters logos must also be prominently displayed.

The organisers reserve the right to disqualify any participants that demonstrate inappropriate conduct.

The distance that a cart falls short of the finishing point will be recorded for each run.

The time that each cart takes through a specific section of the course will be recorded.



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2) Entries

- a) Entries are limited and close on or before 21st Aug 2020 if maximum number of entries are reached before that date.
- b) An entry is made by completing the application form available on the Kop Hill Climb website and e-mailing it to soapbox@kophillclimb.org.uk.
- c) An entry can have 1 driver to 2 drivers (maximum).
- d) An entry is not confirmed until payment of £30 has been received.
- e) A confirmed entry will be notified by email from Kop Hill Climb.
- f) The team will be required to demonstrate their approach to safety during scrutineering and at any time at the request of the organisers.
- g) In addition to the registered driver(s) each team must have a named person aged 18 years or older who will supervise both the soapbox build and their team's competition on the day of the event.
- h) Entrants must be between 10 and 17 years of age on the 19th Sept 2020.
- i) All entrants should have the permission of their parent or legal guardian to enter the competition; a parental consent form & photographic/video consent form will be issued once an entry is confirmed and should be completed and submitted no later than 9.00 on Day one (Saturday) of the Soapbox Event.
- j) Teams are responsible for ongoing safety checks and risk assessment to their vehicle during the event, and must report any damage or change in risk to the Chief Technical Officer.
- k) Teams are encouraged to create a 'photo montage' board depicting the construction of their soapbox cart to display during the 2-day event.
- l) Teams are strongly encouraged to dress in the theme of their soapbox as this will be significant in the judging of the 'Spirit of the Event'.
- m) Teams are also strongly encouraged to seek sponsorship and any sponsorship logos should be prominently displayed on the right hand side of the cart (as a minimum) so that the commentator can announce the sponsor(s).



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3) Organisation

- a) A Chief Technical Officer will be nominated by the organisers, and will check all soapbox carts for safety and reliability before being permitted to race. A sticker confirming 'passed scrutineering' will be issued and must be attached to the cart. **The Chief Technical Officers' decision is final.**
- b) The rules and regulations may be changed at short notice by the organisers in the interest of safety at the event.
- c) No expressed or implied warranty of safety shall result by the publication or compliance with these rules and regulations. This publication is in no way a guarantee against injury to drivers, supporters or spectators.
- d) Please note that competitors are not specifically covered by the organiser's event insurance. Every effort has been made to make the competition safe but it should be recognised that the competition is physically challenging for participants.
- e) The idea of the event is for everyone to have fun safely, and raise funds for local charities.





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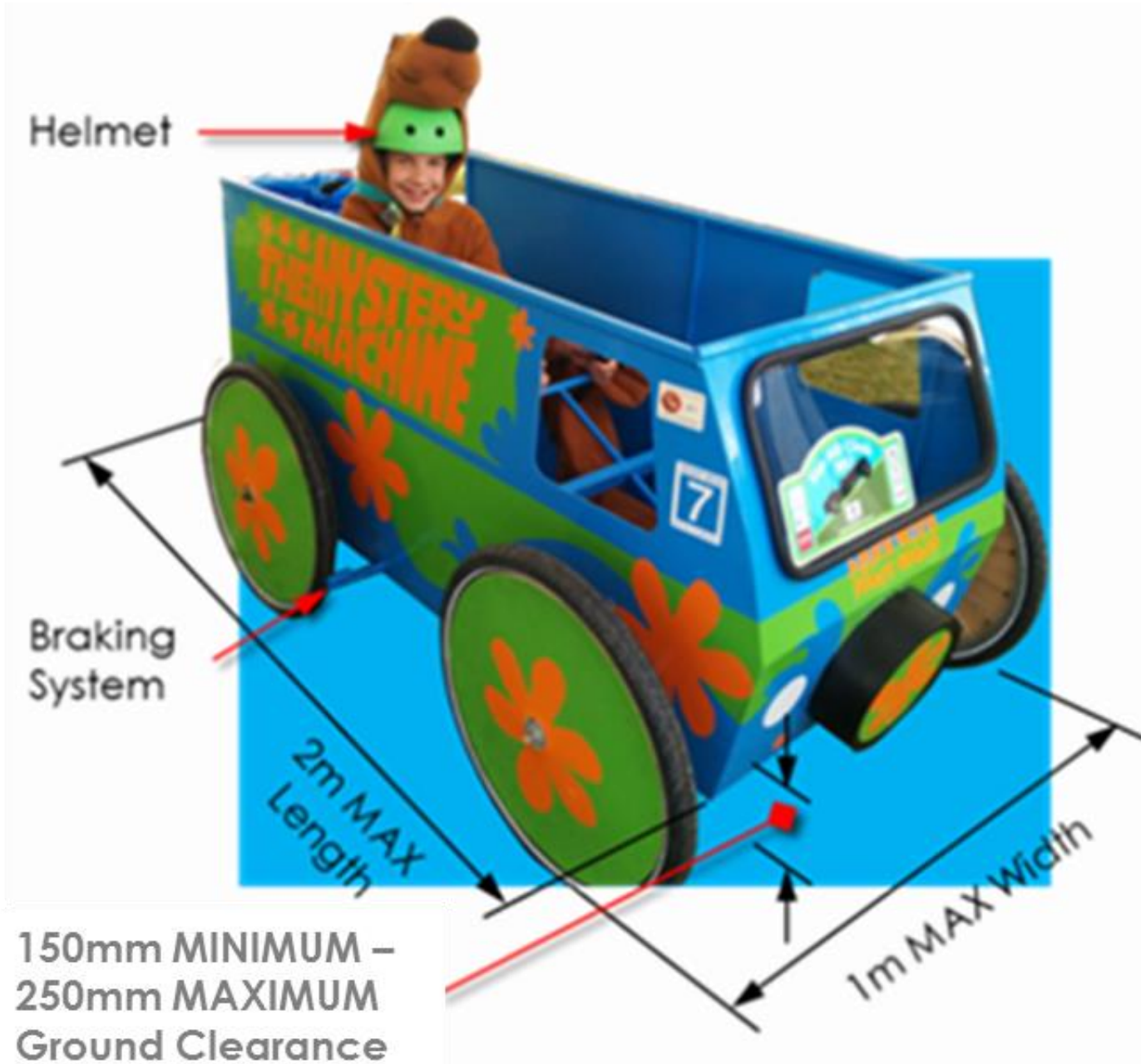
4) Soapbox Construction

- a) Carts to be designed to carry 1 driver feet first, Prone or headfirst driving positions are not allowed.
- b) Width must not exceed 1m.
- c) Length must not exceed 2m.
- d) Weight of cart must not exceed 100kg
- e) No additional ballast (i.e. tool boxes, sandbags, paving slabs etc) at point of initial safety check or to be added after safety check.
- f) The chassis must clear the ground by 150mm **minimum** to 250mm **maximum**.
- g) The cart must enclose the driver from the waist down in order to provide suitable protection from possible injury (i.e. solid floor and sides).
- h) The cart must have more than 2 wheels, each with a **minimum** diameter of 250mm – this is to ensure that the cart clears the ramp.
- i) The cart must be robust and in the Chief Technical Officer's opinion strong enough to compete and complete all races during the 2 day event.
- j) There must be no sharp edges or protrusions either internally or externally.
- k) Materials that might shatter on impact are not permitted.
- l) Any steering column, brake lever or other protrusion must be designed and fitted such that puncture injuries cannot occur.
- m) Stability. At rest (at the start and the finish) the vehicle must remain upright and in racing configuration.
- n) No part of the vehicle may be jettisoned during the run.
- o) Entry and Exit. No tools must be used to enable the rider to enter or exit the vehicle. Bodywork and controls must not impede the driver in exiting the vehicle. The rider must be able to exit the vehicle unaided within 30 secs.
- p) Working brakes that effect 2 wheels on the same axle must be fitted and tested.
- q) No propulsion system or unit of any kind may be used. The only source of propulsion will be the mass of the vehicle and driver at rest on the starting ramp.
- r) Any batteries fitted (for design purposes only) should be properly secured.
- s) The steering must not; be overly sensitive or have excessive free play.
The steering must be suitably effective to navigate the curves on the course. For the avoidance of doubt; 'Rope and plank' & 'Feet on the front axle' steering are not permitted.



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19th & 20th September 2020





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5) Optional additional safety features

The following are recommended but not a requirement:

- a) A substantial roll-over bar above or to the rear of the driver's head. It shall be in a suitable position to protect the head, neck and spine of the driver should the cart become inverted or topple onto its side.
- b) A 4 or 5 point safety harness may be fitted. Shoulder strap anchor points should be placed in accordance with the harness manufacturer's instructions.

6) Driver Clothing

- a) Each driver's body and limbs must be fully covered by abrasion resistant clothing for speeds up to 20mph. This can include; sturdy jacket, jeans, overalls, a karting suit, motorcycle leathers or similar. Sturdy closed toe footwear and abrasion resistant gloves must be worn. Fancy dress costumes are perfectly acceptable and encouraged providing they offer abrasion resistance.
- b) Each driver must wear a motorcycle or cycle helmet at all times when competing. The helmet may be "open-face" or "full-face".
- c) The helmet must at least comply with, and carry the appropriate markings for, any one of;
 - BSI 6658-85
 - BSI 2495-77
 - EN 22.05
 - DOT FMVSS 218
 - SNELL M2005, M2010, SA/K2005 or K-98
 - ACU Approved
- d) Drivers will not be permitted to race if they do not wear the appropriate clothing.



5) Competitions

- a) Prizes will be awarded as follows:
- to the individual driver 1st, 2nd and 3rd that travelled the furthest distance as averaged over the 12 race runs over the 2 day event.
 - to the individual driver 1st, 2nd and 3rd that were the fastest through the timed section of the course.



The
Beaumont
Cup

iii. **Best Soapbox**

This prize will be awarded to the soapbox, which, in the opinion of an independent judge, is the best engineered and presented at the event.

iv. **Spirit of the Event**

This prize will be awarded to the team that in their opinion of an independent judge best reflects the fun and sporting nature of The Soapbox Challenge, and have demonstrated audience entertainment qualities & shown true sportsmanship.

