

# RICHARDS CASTLE SOAP BOX DERBY 2010

## Race Pack



**Sunday 11th July - [www.richardscastlesoapbox.co.uk](http://www.richardscastlesoapbox.co.uk)**

### Introduction

Richards Castle Soap Box Derby is held to raise money for charities whilst creating a fun day for the teams, supporters and spectators. 2010 will be the seventh event and almost £34000 has been raised for charities from the first six years. Last year there were more than 30 soap boxes competing. 'Fun' or 'Themed' Soap Boxes are especially encouraged since they provide the most interest to spectators.

### Sponsorship

This year we wish in particular to raise further funds through the teams own sponsorship. We, and our charities, should be very grateful if the entering teams do their best to collect sponsorship from their friends, family and colleagues as they build their soap box in the lead-up to the event. Last year two teams raised over £400 in this way – every pound counts, so do your best and this will directly boost the amount we are able to donate to our charities.

### Charities

For 2010 our charity theme will be “children suffering from domestic violence”. We will be focused on affected children within our local area of south Shropshire, north Herefordshire and west Worcestershire.

In addition we will make smaller donations to other local charities and groups who assist us in running the event. Last year beneficiaries included the Army Cadets, Ludlow Fire Service, St Johns Ambulance, the W.I. and Richards Castle Village Hall. We also donated to the village war memorial repair fund and to Help for Heroes in recognition of the much needed work they are doing at present

### Prize Categories

We award prizes to competitors in recognition of their dedication to the day. Categories for 2010 are:

Team raising the most sponsorship	Fastest single time on the day
Best turned out soap box and crew	Overall fastest Adult team
Most innovative design	Overall fastest Junior Team
Best Novelty soap box	Lycett shield-

### How to enter

- 1) Read the Rules and Regulations on pages 2 & 3 of this Race Pack
- 2) Complete the entry form (Adult / Junior)
- 3) Write a cheque for £30 per entry made payable to “Richards Castle Soap Box Derby”,
- 4) Send completed form(s) and cheque to:  
**Robin Maitland, Overton Farmhouse, Overton, Ludlow, Shropshire, SY8 4DU**

**The closing date is 20th June 2010 to enable programme printing.**

**Please submit your entry as soon as possible since numbers may have to be limited.**

You will receive confirmation of your entry. On the day, track inspection and scrutineering will commence from 07.30 am.

Contact phone numbers –

Before you have entered / general enquiries:	Ian Broom	– 01584 831139
Once you have entered:	Robin Maitland	– 01584 877914

**Thank you for your interest, we look forward to receiving your entry, and good luck with building your soap box!**

# Rules and Regulations – 2010

## Introduction

These Rules and Regulations apply to all entries. They have been designed for your safety and the safety of others around you, based on best practice, common sense and the experience of previous years. They enable us to run the event effectively for the maximum benefit of all – please ensure you read them carefully and comply with the details. They will be enforced! Thank You.

The course is 550m long with a descent of 50m. It should be noted that this is not indicative of the gradient of parts of the course. In places it is much steeper and participants can expect to reach 30-40mph. Soap boxes will be given the opportunity of at least three runs and will set off singly at intervals, electronically timed.

If you have not attended one of our events we strongly recommend that you see the DVD. This will give you a good idea of the track, conditions, competitors, and some pointers as to what works and what doesn't! The DVD is available for £15.00 including p&p by sending a cheque and your details to Keith Gluyas, The Boat House, Newnham Bridge, Nr Tenbury Wells, and Worcs, WR15 8JA.

## 1 - General Conditions

- 1.1 Up to six persons per team. (See 3.5 to 3.9 for conditions specific to drivers).
- 1.2 The closing date for applications is 20th June 2010. Please submit your entry as soon as possible since numbers may have to be limited.
- 1.3 It is hoped that each team will raise as much additional money as possible, in donations, sponsorship or collections for the designated charities. (A prize will be awarded for the highest amount raised).
- 1.4 Brightly coloured soap boxes, sponsorship and advertising are encouraged. We also appreciate it if the team name is painted onto the soap box.
- 1.5 Every team must accept these Rules and Regulations in full.
- 1.6 Registration will commence at 0730 hrs on the day of the event, followed by practice runs. (Racing will be expected to start at 1000hrs)
- 1.7 Any contravention of the Rules and Regulations may lead to disqualification or penalties.
- 1.8 The Organisers reserve the right to refuse entry to any team without an explanation. Their decision will be final.
- 1.9 A standard entry fee of £30 is required with each team entry.
- 1.10 Soap boxes and drivers will be scrutinised in the pits, and prior to each run and at any other time, before being allowed to participate.
- 1.11 The start will be from a raised ramp, by gravity. No pushing will be allowed. The Starters decision is final.
- 1.12 After crossing the finishing line drivers will need to apply their brakes and quickly depart from the track under the Marshal's instructions.
- 1.13 Practice runs will not be timed.
- 1.14 There will be two categories of teams
  - 'Juniors'- 12 to 16 years old (inclusive)
  - 'Adults' - 17 and over
- 1.15 A flat bed trailer facility will be used to transport soap boxes from the pits to the starting ramp. There will be a tow option for soap boxes with suitable towing hooks.
- 1.16 Numbers will be provided at registration and must be prominently displayed on each soapbox.
- 1.17 The organisers reserve the right to disqualify any or all participants that demonstrate inappropriate conduct.
- 1.18 For speed related prizes, the fastest two runs will be aggregated to decide the winner.

## 2 – Technical, Design and Structural Regulations

- 2.1 Maximum length 2300mm measured from front to rear of soapbox.
- 2.2 Maximum width 1118mm measured from outside to outside.
- 2.3 Minimum eye height 700mm measured from driver's eye-line, when seated, to the road surface. Drivers to remain seated at all times.
- 2.4 No protuberances outside these dimensions will be allowed.

- 2.5 There must be four wheels, fitted with pneumatic tyres, one on each corner, (more than two “in line” wheels will not be allowed) and all wheels should be in road contact during normal running. Ground clearance should be sufficient to clear the top and bottom of the starting ramp – 50mm minimum is recommended.
- 2.6 **Good brakes are essential and will be checked. Braking must operate on at least two wheels on the same axle and be effective to hold stationary on the starting ramp.**
- 2.7 Seats must be securely bolted to the soap box.
- 2.8 Soap boxes must be designed to carry one person only, in a feet first direction.
- 2.9 Any steering column, brake lever or other protrusion must be designed and fitted such that the risk of puncture injuries is minimised. A padded steering wheel is recommended.
- 2.10 Bodywork and controls must not impede the driver in exiting the vehicle unaided.
- 2.11 Any doors or hatches required for driver access must be readily operated from both inside and outside the vehicle without the use of tools.
- 2.12 Gravity propulsion only – i.e. no motors, no pedals & no stored potential energy.
- 2.13 No loose weights will be allowed inside or outside the soap box.
- 2.14 Seatbelts are not mandatory, but are recommended.
- 2.15 **All soap boxes must be fitted with a substantial roll bar and all welding and general construction should be of a good standard. The rollbar should be at least 35mm above the driver's helmet when the driver is seated normally in the vehicle, and a second roll bar should extend at least 25mm beyond the driver's gloved hands when placed at 12 o'clock on the steering wheel. If you are in doubt as to what is 'substantial' please contact our scrutineer before or during construction so as to avoid disappointment on the day.**
- 2.16 Steering must not have excessive free play or any characteristic tending to promote instability.

### **3 – Safety Regulations**

- 3.1 The purpose of the event is to have fun, but the safety of the team, supporters and spectators is paramount throughout the day, and accordingly, Richards Castle Soap Box Derby reserve the right to amend these rules or go above and beyond their guidance.
- 3.2 All members of the team will be required to sign a disclaimer as part of the entry form and these will be checked to ensure all team members present on the race day have signed.
- 3.3 All soapboxes must be constructed with pedestrian friendly sympathies. Sharp edges will not be permitted.
- 3.4 No glass or other materials that would shatter or cause injuries to drivers and spectators in the event of a crash should be used in the construction of the soap box.
- 3.5 Drivers must wear an approved crash helmet to BS 6658 (motor cycle helmet) or higher, and appropriate gloves. Clothing must be capable of withstanding a spill on tarmac or concrete. No bare limbs will be allowed. N.B Mountain bike helmets are not acceptable.
- 3.6 All drivers must attend the Drivers Briefing.
- 3.7 All drivers must walk the course.
- 3.8 **For adult teams only – Only two of the maximum six team members are permitted to be drivers on the race day. There will be one practice run per driver. The purpose of this run is to enable the drivers to get the feel of the course and their soap box. The run will not count in the timing competition. This is a change to our practice in the first five years. Please speak to Ian Broom/Robin Maitland if this causes a problem. They will explain some options available.**
- 3.9 For Junior teams only – A maximum of two of the six team members are permitted to be drivers on the race day. There will be one practice run per driver. The purpose of this run is to enable the driver to get the feel of the course and their soap box. The run will not count in the timing competition.
- 3.10 The scrutineer's decision is final. Scrutineers will have full access to the soap box and component parts as required to carry out their duties.
- 3.11 Teams are responsible for the ongoing risk assessments on their soap box during the event and are obliged to report any change in risk to the scrutineers.
- 3.12 No expressed or implied warranty of safety shall result from the publication of or compliance with these rules and / or regulations. This publication is in no way a guarantee against injury to team members, supporters or spectators.

# RICHARDS CASTLE SOAP BOX DERBY 2010

## Yes! – We want to feel the thrill of the hill!

Sunday 11th July 2010



# Adult Entry Form

Sunday 11th July - [www.richardscastlesoapbox.co.uk](http://www.richardscastlesoapbox.co.uk)

Team Name .....

Contact Name & address.....

.....Post code.....

Tel No..... email .....

The rules and regulations of this event have been drawn up for the benefit and safety of the competitors and spectators and must be strictly adhered to.

The organisers of the Richards Castle Soap Box Derby and the owners of the land do not accept any responsibility for any damage, loss, or injury to the entrants or to the entrant's soap box and equipment.

We, the undersigned, enter this competition having read and understood the Rules and Regulations as set out on pages 2 and 3 of this Race Pack. We accept full responsibility for any damage to our person or soap box and equipment.

<i>Team Members – Print Name</i>	<i>Signatures</i>
Driver 1 – (max 2 allowed)	
Driver 2 – (max 2 allowed)	

*Please remember to include your cheque with the entry form! – See front page for details.*

# RICHARDS CASTLE SOAP BOX DERBY 2010

**Yes! – We want to feel the thrill of the hill!**

**Sunday 11th July 2010**



**Junior Entry Form**  
**Important – Signatures are required from Parents / Guardians**

**Sunday 11th July - [www.richardscastlesoapbox.co.uk](http://www.richardscastlesoapbox.co.uk)**

Team Name.....

Contact Name  
& Address.....

.....post code.....

Tel No..... email .....

The rules and regulations of this event have been drawn up for the benefit and safety of the competitors and spectators and must be strictly adhered to.

The organisers of the Richards Castle Soap Box Derby and the owners of the land do not accept any responsibility for any damage, loss, or injury to the entrants or to the entrant's soap box and equipment.

We, the undersigned, enter and allow entry to this competition having read and understood the Rules and Regulations as set out on pages 2 and 3 of this Race Pack. We accept full responsibility for any damage to our person or soap box and equipment.

<i>Team Member Name</i>	<i>Team Member Signature</i>	<i>Age on 11/7/10</i>	<i>Parent / Guardian Name if members under 16 on 11/7/10</i>	<i>Parent / Guardian Signature</i>
Driver 1 – (max 2 allowed)				
Driver 2 – (max 2 allowed)				

*Please remember to include your cheque with the entry form! – See front page for details.*

