

Bristol Zoo Gardens
ZooRopia
Risk Assessments

Activity/Hazard Who May be harmed Risk Level Control Measures

Whole Ropes Course Area

Falling from height, slipping/tripping impact with something solid	Un-authorized members of Public	Low	Restricted access-the first element (net ramp) will have a locked gate and will be boarded around the sides. This will be supported by appropriate fencing and signage. The access key is held in the main office and only issued by a member of Head 4 Heights. The gate key is kept locked at all times unless an instructor is on site.
Falling from height, slipping/tripping impact with something solid	Authorised visiting members of the public	Low	All participants and instructors will be connected on the appropriate PPE when off the ground. Standard safety procedures apply.
Structural failure	Course participants and instructional staff	Low	The course has been built and designed by RCD Ltd. Inspections carried out by ERCA certified inspector annually. Daily recorded inspections are carried out by qualified instructors.
Objects falling from above	Course participants and instructional staff	Low	All personnel advised to remove objects from pockets, watches, jewellery etc. CE certified PPE worn throughout the activity.
Personnel falling from height	Course participants and instructional staff	Low	For all activities participants will receive a specific detailed safety briefing from the instructor concerned. Participants in High Ropes Activities are protected by attachment from above. This is via the aerial tech CBS system. All knots are those standard to the activity. Ground and top anchors are inspected regularly. Climbing equipment is CE certified and all PPE is inspected regularly and replaced as required. Instructors/maintenance staff accessing (for inspection/maintenance/installation purposes) high ropes structures are suitably qualified instructors following safety procedures as per Safety Policy.

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Falling From height slipping/tripping impact with something solid

Incorrect/inappropriate instruction/supervision by instructional staff	Course participants and instructional staff	Low	All instructional staff hold the appropriate qualification for the site.
Incapacity of participants	Course participants and instructional staff	Low	Relevant medical details are available to the instructional staff. Challenge by choice ethos is encouraged.
Inappropriate clothing /footwear	Course participants and instructional staff	Low	All participants receive information on appropriate clothing and footwear for the activity prior to their visit and instructional staff will check clothing suitability prior to the activity.
Hitting other objects whilst on Zip Wire	Course participants and instructional staff	Low	Instructional staff to ensure path of wire is clear before launching. Daily inspections.

Cuts/lacerations/bodily damage/other injuries caused by:

Impact on/snagging of jewellery	Course participants and instructional staff	Low	Safety briefings include advice /covering or removal of watches, rings, bracelets, necklaces, etc.
Impact on/contact with sharp edges/wires	Course participants and instructional staff	Low	Contactable edges rounded/sanded/protected. Wires/joints/contactable edges within remit of instructors inspections. Activity safety briefings include instructions to avoid manual handling of all wires. Contactable wires/joints taped over.
Choking	Course participants and instructional staff	Low	Safety briefings include removal of chewing gum/confectionery/food etc. in mouths prior to activity

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Trapping of long hair / clothing in apparatus	Course participants and instructional staff	Low	Secure procedures include the tying back / securing of long hair and securing or removal of inappropriate clothing
Throwing Stones	Course participants and instructional staff	Low	Safety procedures prohibit throwing stones