



Buggy build – Risk Assessment

The document shows the risk assessment ratings for each identified hazard. The score for the likelihood of its happening is multiplied by the score of the severity of the injury.

(For example, likelihood 2 multiplied by Severity 5 = 10 medium).

This Risk assessment identifies the risk control methods that have been put into place to reduce either the Severity or Likelihood of an accident.

Hazard	Who	Existing Risk Value	Action to prevent	New Risk Value
Slips, Trips & Falls	Participants Leaders	5*5=25 High	Be made aware of any steps or objects on the ground. (Remove if possible) Shoe laces to be tied up. Appropriate Footwear to be worn. Clear Briefing/Instructions, full understanding. Being made aware of any poles/ropes/barrels location on the construction. Instructions identify this as a challenge, not a race	2*5=10 Med
Failure of equipment	Participants Leaders	5*5=25 High	A bi-weekly inspection is done by qualified/trained staff. Before use inspection done by staff. Any damaged equipment to be removed from use. Knots used to be checked safe by leader.	2*5=10 Med
Entanglement	Participants	5*5=25 High	Ensure all Long hair is tied up/back as appropriate. Non-loose clothing to be worn. Clear Briefing/Instructions, full understanding. Knots used to be checked safe by leader. Barrels used are flexible, in case of rolling over participant.	2*5=10 Med
Falling objects	Participants Leaders Spectators	5*5=25 High	Clear Briefing/Instructions, full understanding. Site Arborists report on trees	1*5=5 Low
Behavioural Problems	Participants Leaders Spectators	5*5=25 High	Clear Briefing/Instructions, full understanding. Site behavioural Policy. Recommended low numbers (1:12) of participants for control. (decision is down to the leader's ability)	2*5=10 Med
Wildlife	Participants Leaders Spectators	5*5=25 High	Allergies (controlled by group leader) Pest control where appropriate.	1*5=5 Low
Weather	Participants Leaders Instructors	5*5=25 High	Activity recommended not to be used in strong winds. (decision is down to the leader's discretion) No running. Clear Briefing/Instructions, full understanding. Appropriate lighting when required.	1*5=5 Low
Environment	Participants Leaders Instructors	5*5=25 High	Floor covering to be checked and cleared by Instructor/Leader. Use of appropriate areas, to be decided by the Instructor/Leader.	1*5=5 Low
Covid-19 Instructor Contact	Participants Leaders Instructors	5*5=25 High	1m distance when instructed Where not possible, face masks to be worn	2*5=10 Med

Covid-19 General Contact/Arrival			Removed	
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This risk assessment is written in accordance with the operating process and procedures.

Written by: Stuart Whyte

Reviewed by: Stuart Whyte

Position: Deputy Centre Manager / Programmes Manager

Date: 01/2025

Qualification: Health and safety Level 2

Risk Assessment CPD

Disclaimer: This activity is designed to be a challenge and not a race, leaders need to pay attention to the structure of the Buggies and the speed of use/movement.

Likelihood of Occurrence	Severity of Harm
0 = Never	0 = No Harm
1 = Unlikely	1 = Bumps & Bruises
2 = Possible	2 = Small Cuts & Lacerations
3 = A chance	3 = Broken/Fracture of Bones
4 = Likely	4 = Loss of limb
5 = Certain	5 = Fatality

		Severity				
		*	1	2	3	4
Likelihood	1	1	2	3	4	5
	2	2	4	6	8	10
	3	3	6	9	12	15
	4	4	8	12	16	20
	5	5	10	15	20	25

Levels of Acceptance	
1-6 Low	= Acceptable
7-10 Medium	= Monitor
11-12 medium	= Re-evaluate
13-25 High	= Not acceptable