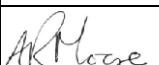


Activity Risk Assessment

Activity	Flintstone Cars				
Address of premises	Hesley Wood Activity Centre, White Lane, Chapeltown, S35 2YH				
Author of this risk assessment	Megan Hughes				
Issue Date	17/07/2024				
Review	This document is reviewed annually. We can review it sooner if needed.				
Reviewed by	Alyssa Jordan	Date	06/12/2024	Changes?	Yes, See review page
Reviewed by	Luke Joseph / Alyssa Jordan	Date	05/12/25	Changes?	Yes, See review page
Checked by Operations Director	 Andy Moore	Date	12/12/2025		

Explanation of Risk Rating: Risk Rating = Probability x Severity			Probability			Rating	Actions resulting from Risk Rating
			Unlikely 1	Likely 2	Certain 3		
Severity	1	Minor injury or damage	1	2	3	1-3	Low Risk: Carry on, ensuring controls are in place. No further controls required.
	2	Major injury or damage	2	4	6	4-6	Medium Risk: Implement extra controls if practical to reduce risk to low. Monitor risk level to ensure no increase.
	3	Severe injury or damage, Serious illness or death.	3	6	9	7-9	High Risk: Stop activity immediately. Implement further controls to reduce risk if possible. Find alternative method.

The Hesley Management Team will monitor and review the controls to reduce risk in accordance with South Yorkshire Scouts Health & Safety Policy.

The information contained within this Risk Assessment should be taken as the minimum requirement and is not to be considered exhaustive.

What is the hazard? How might people be harmed?	Risk Level (with existing control measures)			Who is at risk?	What are the control measures?
	Probability	Severity	Rating		
Hazard arising from improper use of the activity.	2	2	4	All involved	Flintstone Cars must be used as directed by operating procedure for a self-led activity or instructor-led activity. Group Leader/Responsible Adult is responsible for safety of participants while using the Flintstone Cars. Adult must always be present and ensure good behaviour of the group throughout the session. First Aid kit will be available for the duration of the sessions.
Equipment Failure/ Equipment Failure while in use.	1	2	2	All Involved	All equipment inspected prior to first use of the day by Hesley Wood Staff as in accordance with the site inspection and replacement policy. Participants to use equipment i.e. barrels and rope used as directed by SOP for self-led or instructor-led activity. Participants to stop using any damaged equipment immediately and report any damage caused or identified to Hesley Wood Staff.
Activity Area I.e. Slip, Trips and Falls	1	2	2	All Involved	See general site risk assessment. Activity area being used must be clear of additional hazards prior to use.

Handling of equipment i.e. poles, barrels and ropes.	2	2	4	All involved	Poles checked for anything that could cause injury. Recommended that participants carry poles vertically or with one person at each end to avoid hitting others. When possible, instruct participants to roll barrels carefully, instead of lifting, ensuring no one is in their path. Keep ropes coiled neatly when not in use and store them in a designated area to prevent tripping hazards. Give clear instruction on handling of equipment. Ensure all participants are aware of their surroundings to avoid accidents caused by swinging poles, rolling barrels, or loose ropes. When building we recommend using a buddy system to ensure one person stabilises the pole while others position or secure it.
Entanglement and Entrapment.	1	2	2	All involved	Participants must secure long hair and remove loose jewellery, scarves, or any other items that could become caught on equipment. All loose ropes must be tied securely, and the Car must undergo a thorough safety check before any movement begins. Participants are only permitted to push the Car from the rear to ensure safe operation and avoid entanglement or injury.
Structural failure.	2	2	4	Participants	All supplied equipment must be inspected by Hesley Wood Staff, prior to its first use to ensure it is in good condition. Proper weight distribution on the seat and poles must be maintained, and all knots must be secure and correctly tied. The Group Leader is responsible for ensuring the Car is constructed according to the intended design, is sturdy, and has been thoroughly tested under supervised conditions before use.

Related Risk Documents

Standard Operating Procedure (SOP) for Flintstone Cars Inspection and Replacement Policy, RA for general Site.

Review Log

Reviewed by	Date of review	Reason for review	Changes made	Actions required	If actions have been completed insert date completed
Alyssa Jordan	06/12/2024	Standardise and quality control	Page numbers added to improve document navigation. Session-specific risks are placed under blue heading. New control introduced specifying customer due diligence on activities that are self-led. Language throughout document simplified for accessibility.	None	
Luke Joseph / Alyssa Jordan	05/12/25	Annual review	Change availability of first aid kit.	None	

See Review Log – Flintstone Cars for previous reviews and changes

Version 2 publication date: 05/12/2025