

Assessment of:	Gem Panning and Fossil Hunting		
Location:	Mount Cook	Date of assessment:	February 2021
Completed by:	Bernard Müller	Expiry Date:	February 2022

Hazard (something with the potential to cause harm)	Risk (how could the hazard cause harm, and who could it harm)	Control Measures (what is required to reduce the risk)	In Place (Y/N)	Action Required	Action Owner	Residual Risk (assuming all controls in place; Low, Med, High)
Lifting heavy objects - Manual handling (activity set-up)	To Staff: Risk of muscle injuries, spinal damage	<ul style="list-style-type: none"> Staff trained in manual handling. Ask for assistance if required. 	Y Y	Staff trained in Manual handling (T.I.L.E.)	Centre Mgr	All LOW
Mis-use of the equipment	To Participants and Staff: Minor injuries, cuts, bruises, head injuries, eye injuries	<ul style="list-style-type: none"> Safety instructions given from staff at start. Equipment only given once safety talk briefed out. Constant vigilance by trained leaders. All groups of children to have group leaders to manage behaviour. 	Y Y Y Y	Staff training completed and logged on Cinolla	Activity Mgr.	All LOW
Faulty Equipment	To Participants: Muscle & impact damage, cuts and abrasions	<ul style="list-style-type: none"> Equipment checked by instructors prior to use. Safety brief given to all people before undertaking the activity All faulty equipment condemned if found in monthly checks 	Y Y Y	Instructors to undertake monthly checks of equipment	Activity Mgr	All LOW
Inadequate supervision	To Participants: Minor injury, cuts, bruises	<ul style="list-style-type: none"> Ratio of leaders to participants controlled to effectively manage the group. Safety brief given to all participants taking part in the activity. Teachers/ adults to supervise the group. 	Y Y Y	Staff training completed and logged on Cinolla All groups aware of leader/child ratio	Activity Mgr. Booking Co-ordinators	All LOW

Low = Slight injury or minor ill health / It is highly unlikely that the harm would occur

Medium = Serious Injuries or significant health effects / There is a likelihood that harm may occur;

High = Major death, major injury (RIDDOR) or irreversible health damage / There is a high likelihood that harm will occur.

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Trips/Falls whilst participating	To Participants: Bruises, cuts, abrasions, head injuries, spinal injuries	<ul style="list-style-type: none"> ▪ Safety talk at the start to outline potential trip hazards and establishing clear boundaries. ▪ Adequate supervision of the groups ▪ Instructors to remove potential trip hazards like ▪ Activity area checked by instructor prior to session to ensure clear of debris, hazards, safe terrain. 	Y Y Y	Staff training completed and logged on Cinolla Monthly grounds maintenance checks	Activity Mgr.	All LOW
Contaminated water ingestion	To Participants and Staff: water born illness, diseases, long-term illness.	<ul style="list-style-type: none"> ▪ Safety talk at the start to outline potential hazards. ▪ Adequate supervision of the groups ▪ Incorporation of hand washing session after activity ▪ Cover up open wounds on hands with plaster ▪ Monthly clean out of water troughs. 	Y Y Y Y	Staff training completed and logged on Cinolla Monthly grounds maintenance checks	Activity Mgr.	All LOW
Cold hands in water	To Participants: Painful Hands, Frost Bite, chill blains, cuts unnoticed due to numb extremities	<ul style="list-style-type: none"> ▪ Safety talk at the start to outline potential hazards. ▪ Reduce length of session if weather poor ▪ Provide alternative location within building if weather poor. ▪ Provide warm water if possible. 	Y Y Y Y	Staff training completed and logged on Cinolla	Activity Mgr.	All LOW
Ingestion of minerals	To Participants: Poisoning/ choking, suffocation, death	<ul style="list-style-type: none"> ▪ Safety talk at the start to outline potential hazards. ▪ Adequate supervision of the groups ▪ Provide areas to place gems afterwards ▪ Example Lead wrapped in clingfilm to stop skin contact. 	Y Y Y	Staff training completed and logged on Cinolla	Activity Mgr.	All LOW

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Poor Light/ Bad weather	To Participants: Hyperthermia, frostbite, cuts, abrasions, bruises	<ul style="list-style-type: none"> ▪ Session ended if conditions become unsafe, i.e. visibility poor or too cold, and reschedule for better light. ▪ Instructors to monitor signs of hyperthermia. 	Y Y	Instructors to use dynamic risk assessment techniques	Activity Mgr.	All LOW
Deliveries/ vehicles in the driveway	To Participants and Staff: Head injuries, crush injuries, cuts, bruises, and or death	<ul style="list-style-type: none"> ▪ Safety talk at the start about the potential deliveries / vehicles using the driveway ▪ Check if expecting any deliveries on day ▪ Refuge point outlined in case of delivery ▪ Group management and appropriate levels of supervision 	Y Y Y Y	Staff training completed and logged on Cinolla	Activity Mgr.	All LOW
Moving/ collecting sharp and sand/rocks	To Participants: Minor injury cuts, bruises	<ul style="list-style-type: none"> • Safety talk prior to handling any dirt or rocks. • Trough of dirt and rocks checked and refilled with fresh materials. • Trowels to be used to dig and move into bucket. 	Y Y Y	Staff training completed and logged on Cinolla	Activity Mgr.	All LOW

Risk Assessment checked by H&S or Line Manager

Name: Steve Turner CEO

Date: 9th April 2021

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