



# **Living Springs Camp and Conference Centre**

**Education and Adventurous Activities  
Department**

# **Action Management Plan**

Version 1.9

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## **OVERVIEW**

The Action Management Plan (AMP) contains Safety Operating Procedures (SOP's) and the Risk Analysis management (RAM's) for activities run at Living Springs Camp and Conference Centre (Living Springs/LS). This document is to be read and adhered to by all staff and adults that take lead responsibility for running the activity and maintaining the safety of participants.

Ratios detailed within this document are maximum numbers for best practice. The ratios should be re-assessed prior to commencing activity according to individual needs of groups or other variables affecting the activity.

Before activities commence it will be the judgement of either Joseph Aldridge (On site, off site and self-supervised activities) or Joseph Aldridge (Farm Park activities) or higher management to make final decision if activities are to go ahead in the case of extreme weathers.

Prior to activities the responsible leaders are to check/know of any medical issues and existing injuries that will affect the proceeding activity as well as correct clothing for activity and weather is being worn by all participants. At set up and take down of each activity equipment will be checked and ensure equipment is correctly stored and faulty/broken equipment to be taken out of service and reported to Programmes Administrator/Farm Park Manager. Misuse of equipment should be stopped immediately.

During activities, the responsible instructor will continually assess weather conditions and hazards. Authority is given to the instructor to halt an activity immediately if any safety concerns or hazards arise.

Assessment of the area used for activities are monitored by all Living Springs staff to ensure no excessive damage to environment and wildlife.

This document is fully endorsed and authorised by the Programmes Administrator.

\_\_\_\_\_ Joseph Aldridge, Programmes Administrator.

The AMP document is located within the SMS (Safety Management System) available in the Living Springs office. There are also electronic copies within the shared files on the Living Springs network.

This AMP is the property of Living Springs Camp and Conference Centre. The information it contains is confidential and privileged. Any unauthorised use, distribution, or copying of the contents is expressly prohibited.

Reviews of this document will be conducted on an annual basis or when necessary and link into the review of the SMS.

## Major Changes

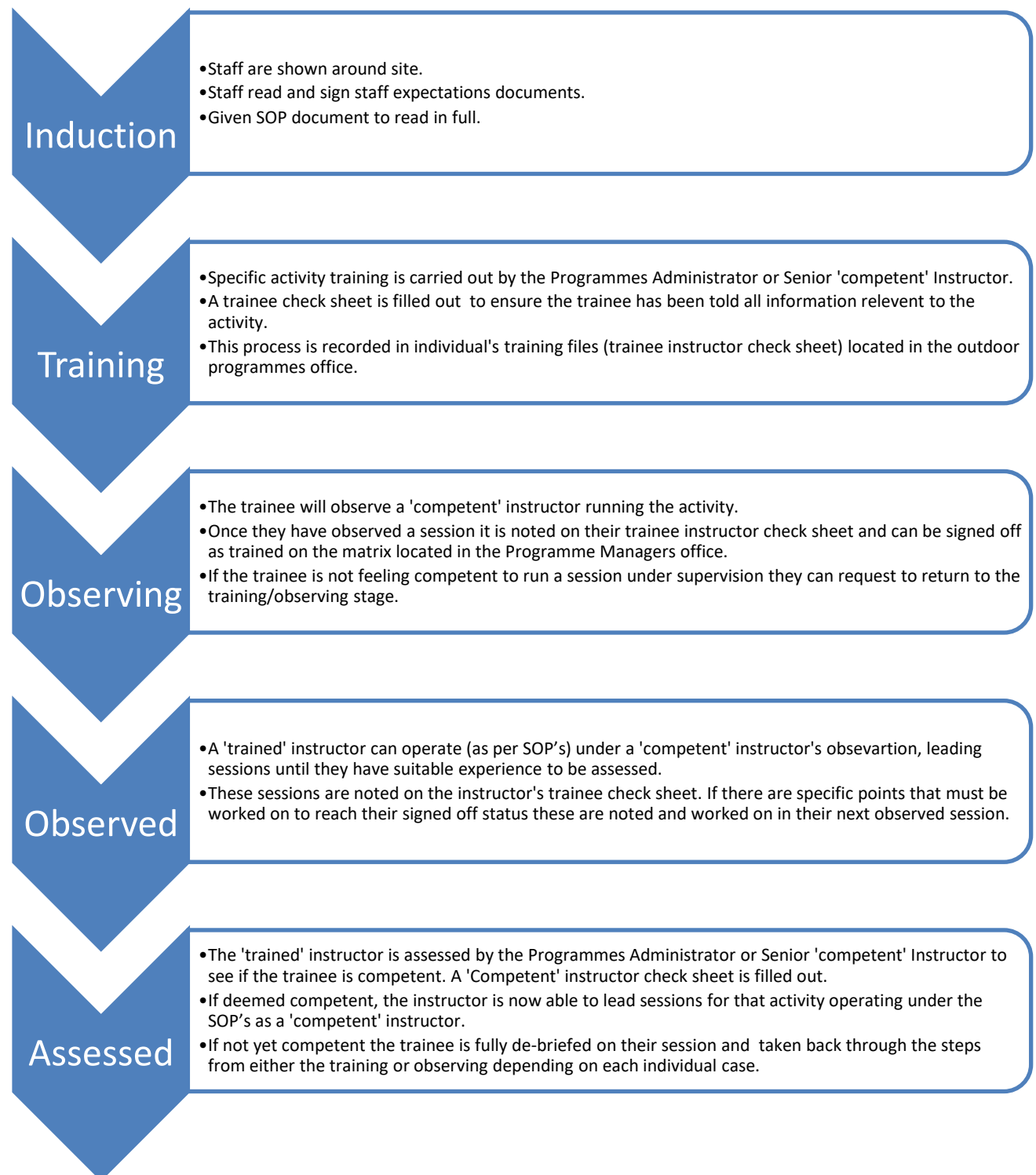
Version No.	Date	Author	Reviewed by
1.0	January 2013	Mike Barber, Programmes Administrator	Denis Aldridge, CEO Jon Ward, Operations Manager
1.1	April 2013	Mike Barber, Programmes Administrator	Jon Ward, Operations Manager Sarah Le Page, Outdoor Instructor
1.2	July 2013	Mike Barber, Programmes Administrator	Jon Ward, Operations Manager Emma Ward, Health and Safety
1.3	February 2015	Hannah Strickland, Senior Instructor	Joseph Aldridge, Programmes Administrator
1.4	April 2016	Craig Turner	Joseph Aldridge, Programmes Administrator Wendy Duggan, Business Development Manager
1.5	January 2017	Cindy Tapscott	Joseph Aldridge, Programmes Administrator
1.6	August 2018	Joseph Aldridge	Wendy Duggan, Business Development Manager
1.7	August 2019	Alex Lattimore	Joseph Aldridge
1.8	October 2021	Alex Lattimore	Joseph Aldridge
1.9	August 2022	Alex Lattimore	Joseph Aldridge

## Minor Changes

<u>Date</u>	<u>Item/page</u>	<u>Name</u>	<u>Reviewer</u>
March 2018	Tree Climb – changed Competent Instructor requirements. Clarified the ratio requirements	Joseph Aldridge, Priscilla Hill	Wendy Duggan
March 2018	Crate Stack – added helmet requirements	Joseph Aldridge, Priscilla Hill	Wendy Duggan
April 2018	Defined Wide Games – Added Animal Survival and Colours to the heading	Joseph Aldridge	Wendy Duggan
April 2018	Added Zipline AMP	Joseph Aldridge	Wendy Duggan
June 2018	Added Archery Tag AMP	Joseph Aldridge	Wendy Duggan
August 2018	Removed detail about falling pinecones etc from Arch/Air rifles AMP due to change in location of the activity	Joseph Aldridge	Wendy Duggan
April 2019	Added Mountain Boarding	Alex Lattimore	Wendy Duggan
April 2019	Added Stream Study AMP	Joseph Aldridge	Wendy Duggan
Aug 2019	- Removed BMX & Chariot Rides - Added Rogaine specific RAMs and added Rope Swing, Mini Golf, and Trampolines	Alex Lattimore	Wendy Duggan
Aug 2020	Added Age limit to Zipline	Alex Lattimore	Joseph Aldridge
Sept. 2020	- Edited Tree Climb inspection timeframe - Reworded when we watch lowering to until confident	Alex Lattimore	Joseph Aldridge
Aug. 2021	Reviewed (No Changes)	Alex Lattimore	Joseph Aldridge & Priscilla Hill
October 2021	- Removed Balanz Bikes & Horse Riding - Added Running into Objects as risk for Wide Games - Changed all Person Responsible to Joseph Aldridge - Minor rewording/additions to some activities	Alex Lattimore	Joseph Aldridge
April 2022	- Added note about looking out for people in the way at the dismount platform	Alex Lattimore	Joseph Aldridge
August 2023	- Added ladders as a risk in tree climb and Mountainboards as a hazard to go along with cars	Alex Lattimore	Joseph Aldridge

## TRAINING

The AMP is used as part of training and sign off on individual instructors and activities. During training, specific references to actions detailed in the AMP’s will be made. Below is a simple system outlining the followed procedure to train instructional staff, leading them to be signed off as either ‘competent’ or ‘trained’ instructor on specific activities. Training and assessments are delivered and assessed by the Programmes Administrator/Farm Park manager and senior ‘competent’ instructors.



# EMERGENCY MANAGEMENT

All Living Springs Activities		
1	Ensure Your safety first	
2	Ensure safety and control of group, use responsible adults to assist if applicable/call office if required	Communications
3	Conduct first aid if required	First Aid/ Relevant rescue equipment/ Communications
4	Call 111 / raise alarm / call office if necessary	Communications/fire/evacuation siren
5	Support and monitor client best as possible, further first aid if necessary	First aid
6	Evacuate groups and the casualty if needed and safety requires to do so. If no evacuation – move client and group in appropriate way.	First Aid kit/ Communications/ Vehicles (See individual SOP for vehicle access)
7	Debrief appropriately, refer to counseling if required	First Aid/ Communications/ Contacts for counseling
8	Ensure Equipment, marked unsafe is replaced or repaired. Assessment of the incident	Incident report form/ 3 monthly check log
Use the Emergency management plan as a guideline to follow in an emergency. Situations may occur where the sequence must be changed to follow in a way that is appropriate to the emergency.		
<b>Communication</b> Andrew Hill Joseph Aldridge John Donaldson Radio		021 283 3963 021 257 2696 021 045 0749
<b>Supervision structure</b> – Can differ depending on client’s abilities, e.g. – disabled, limited sight or hearing. This is down to the discretion of the programs manager to allow participation, change of ratio or advise on 1 to 1 assistance. The Programmes manager will decide whether weather conditions, according to current weather, forecasted weather and the inherent risks at each individual activity will go ahead.		
<b>Final Approval</b>	<b>Accept</b>	<b>Reject</b>

<b>Self-Supervised Activity - Burma Trail</b>	<b>Person Accountable: Joseph Aldridge</b>
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**Safe Operating Procedure****Ratio:**

4:50 or 1:10

**Max Participants:**

30

**Minimum skills required:**

Adult briefed by LS staff

**Equipment:**

First Aid kit, Mobile phone, Torch (if at night), blindfolds

**Clothing:**

Enclosed suitable shoes, weather appropriate clothing

**Safety:**

The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- If small group, group to stay together in a connected line and briefed adult to follow and stay with group.
- Larger groups have 4 station points for briefed adults.
- Briefed adults to be made aware of the course and hazards.

**Vehicle Access:**

OCC Burma trail – via driveway

Bush Camp Burma trail – 4WD drive access at start of trail, Road access Bamfords Road at end of trail

**Risk Analysis Management**

Risk	Significance 1=minor, 2=major, 3=life changing	Eliminate/ Minimise	Solution/controls in place
Slips, trips, and falls	1	Minimise	<ul style="list-style-type: none"> <li>• Brief on how to move around in the area.</li> <li>• Walking expected at all times.</li> <li>• Briefed adults to clear the path of any large debris.</li> <li>• Suitable shoes</li> <li>• Briefed adults to assist in hazardous areas.</li> <li>• Participants to be warned of terrain</li> </ul>



<b>Self-Supervised Activity - Camp Fire</b>	<b>Person Accountable: Joseph Aldridge</b>
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**Safe Operating Procedure****Ratio:**

1:10 with minors

**Minimum skills required:**

Adult briefed by LS staff

**Equipment:**

First Aid Kit, hose/bucket, mobile phone

**Clothing:**

Enclosed suitable shoes, weather appropriate clothing

**Safety:**

The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- Extinguish the fire at the end of the session.
- fire size - Flames should not exceed 1 meter.
- Do not wave burning marshmallow around to put it out. Gently blow it out
- Hold roasting skewers up/down to avoid poking other participants.
- OCC - Ensure hose is by fire pit and inform of location of hose tap.
- Bush Camp – Bucket of water at fire pit and location of closest taps
- Clear area of any debris

**Vehicle Access:**

OCC – driveway access

Bush camp - 4wd drive track, access up to camp by foot

**Risk Analysis Management**

Risk	Significance 1=minor, 2=major, 3=life changing	Eliminate/ Minimise	Solution/controls in place
Uncontrolled Fire	3	Minimise	<ul style="list-style-type: none"> <li>• Defined campfire pit area's</li> <li>• Water closes by</li> <li>• Extinguish fire at end of session.</li> <li>• Recommended fire size</li> <li>• Limited fuel for fire</li> <li>• Fires not lit in fire ban. Permits obtained when needed</li> </ul>
Burns	3	Minimise	<ul style="list-style-type: none"> <li>• Seating area</li> <li>• Area clear of tripping hazards</li> <li>• Supervision of participants entering campfire pit area</li> <li>• Recommended fire size</li> <li>• Advice to avoid burn from hot marshmallow.</li> <li>• Long handled toasting sticks provided</li> </ul>
Slips, trips, and falls	2	Minimise	<ul style="list-style-type: none"> <li>• Briefed adults/LS staff to clear any fallen debris.</li> <li>• Suitable shoes</li> </ul>

			• Supervision
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<b>Self-Supervised Activity - Mini Golf</b>	<b>Person Accountable: Joseph Aldridge</b>
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**Safety Operating Procedure**

**Ratio:**

1:30

**Max Participants:**

30

**Minimum skills required by staff/volunteers:**

Adult briefed by LS staff

**Equipment:**

Golf clubs, golf balls

**Clothing:**

Weather appropriate clothing

**Safety:**

The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- Golf clubs are not to be raised above the knee.
- Putting balls only, not hard hitting of balls
- If balls need to be retrieved from the road, caution must be taken.

**Vehicle Access:**

Via driveway

**Risk Analysis Management**

Risk	Significance 1=minor, 2=major, 3=life changing	Eliminate/ Minimise	Solution/controls in place
Slips and trips	1	Minimise	<ul style="list-style-type: none"> <li>• Supervision</li> <li>• Use of paths</li> <li>• No running when wet</li> </ul>
Hit by golf ball or golf club	1	Minimise	<ul style="list-style-type: none"> <li>• Putting balls</li> <li>• No swinging of clubs above knee</li> <li>• Equipment used only on putting area.</li> <li>• Spectators off the green</li> </ul>
Hit by a vehicle	3	Minimise	<ul style="list-style-type: none"> <li>• Group control</li> <li>• Supervision</li> </ul>

<b>Self-Supervised Activity - Monorail</b>	<b>Person Accountable: Joseph Aldridge</b>
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### Safe Operating Procedure

**Ratio:**

2:30

**Max Participants:**

30

**Minimum skills required:**

Adult briefed by LS staff

**Equipment:**

Monorail and cart

**Clothing:**

Weather appropriate clothing, enclosed suitable shoes

**Safety:**

The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- Adults positioned at the top and bottom of the rail to slide cart on and off the track.
- No pushing of the cart upon release
- No running in the paddock
- Always have both hands holding cart handle
- One cart on the monorail at a time
- Weight limit 100kg
- Seat belt must be worn.
- Recommended 8 year's plus.
- Spectators must keep a minimum distance of 3m from the track.

**Storage:**

Carts locked together and chained to platform when not in use.

**Vehicle Access:**

Via driveway and through the paddock gate

### Risk Analysis Management

Risk	Significance 1=minor, 2=major, 3=life changing	Eliminate/ Minimise	Solution/controls in place
Slips and trips	2	Minimise	<ul style="list-style-type: none"> <li>• No running in Paddock</li> <li>• Supervision</li> </ul>
Hit by cart	3	Minimise	<ul style="list-style-type: none"> <li>• Spectators at a clear distance from monorail</li> </ul>
Falling off the cart	3	Minimise	<ul style="list-style-type: none"> <li>• Always have participants hold on to cart rail.</li> <li>• Seatbelt to be worn</li> </ul>
Unsupervised usage	2	Minimise	<ul style="list-style-type: none"> <li>• Carts locked</li> </ul>

Strains from lifting	2	Minimise	<ul style="list-style-type: none"> <li>• 1-4 people to carry cart if needed.</li> <li>• Participants to be made aware of heavy lifting</li> </ul>
Dropping cart onto feet	1	Minimise	<ul style="list-style-type: none"> <li>• 1-4 people to carry cart if needed</li> </ul>

**Self-Supervised Activity - Rope Swing**
**Person Accountable: Joseph Aldridge**
**Safety Operating Procedure**
**Ratio:**

1:15

**Max Participants:**

1 on Swing

15 Present

**Minimum skills required by staff/volunteers:**

Adult briefed by LS staff

**Equipment:**

Rope swing

**Clothing:**

Weather appropriate clothing

**Safety:**

The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- One-person participating

**Vehicle Access:**

Via driveway

**Risk Analysis Management**

Risk	Significance 1=minor, 2=major, 3=life changing	Eliminate/ Minimise	Solution/controls in place
Falling	2	Minimise	<ul style="list-style-type: none"> <li>• Barked area</li> <li>• Edge made prominent.</li> <li>• Limit to climbing up the rope.</li> <li>• Caution of pushing participants</li> <li>• Advice on where participants to stand</li> </ul>
Hit by rope/participant	2	Minimise	<ul style="list-style-type: none"> <li>• Advice on where participants to stand</li> </ul>

<b>Self-Supervised Activity - Swimming Pool / Code Cracker</b>	<b>Person Accountable: Joseph Aldridge</b>
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### Safe Operating Procedure

**Ratio:**

1:15

**Max Participants:**

70 in the pool

**Minimum skills required:**

Adult, over the age of 16, briefed by LS staff.

**Equipment:**

Rescue equipment

**Clothing:**

Appropriate clean clothing/ swimming attire

**Safety:**

The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- No running or flips
- Supervisor briefed on where safety equipment is.
- Door locked when pool not in use.
- Supervisor responsible for being aware of participant's water confidence/ability.
- Supervisors to be stationed around the pool – 1 to always be at the deep end.
- Lock the door when activity is over.

**Vehicle Access:**

Via the driveway

### Risk Analysis Management

Risk	Significance 1=minor, 2=major, 3=life changing	Eliminate/ Minimise	Solution/controls in place
Drowning	3	Minimise	<ul style="list-style-type: none"> <li>• Pool door locked when not in use.</li> <li>• Supervision</li> <li>• Safety equipment</li> <li>• Supervisor to verbally check abilities before</li> </ul>
Slips and trips	2	Minimise	<ul style="list-style-type: none"> <li>• No running</li> <li>• Supervision</li> <li>• Towels placed down by LS staff for Code Cracker</li> </ul>
Hitting the pool sides and bottom	3	Minimise	<ul style="list-style-type: none"> <li>• No Flips</li> <li>• Jumping and diving only at the deep end</li> </ul>

			<ul style="list-style-type: none"><li>• No running</li></ul>
Over Heating	2	Minimise	<ul style="list-style-type: none"><li>• Open doors and shutters for ventilation</li></ul>

<b>Self-Supervised Activity - Trampolines</b>	<b>Person Accountable: Joseph Aldridge</b>
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**Safety Operating Procedure****Ratio:**

1:30

Max Participants:

2 per Trampoline

30 Total

**Minimum skills required by staff/volunteers:**

Adult briefed by LS staff

**Equipment:**

Trampolines

**Clothing:**

Weather appropriate clothing, no shoes

**Safety:**

The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- Two at a time on trampolines
- No shoes to be worn on trampoline.

**Vehicle Access:**

Via driveway

**Risk Analysis Management**

Risk	Significance 1=minor, 2=major, 3=life changing	Eliminate/ Minimise	Solution/controls in place
Bumps and sprains	1	Minimise	<ul style="list-style-type: none"> <li>• 2 participants on trampolines</li> <li>• Supervision</li> </ul>
Hit by a vehicle	3	Minimise	<ul style="list-style-type: none"> <li>• Group control</li> <li>• Supervision</li> </ul>
Falling out	1	Eliminate	<ul style="list-style-type: none"> <li>• Nets</li> <li>• General and 3 monthly checks on trampolines</li> </ul>

<b>Self-Supervised Activity - Water Slide</b>	<b>Person Accountable: Joseph Aldridge</b>
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### Safe Operating Procedure

**Ratio:**

2:100

**Max Participants:**

100

**Minimum skills required:**

Adult briefed by LS staff

**Equipment:**

Waterslide, 2 pegs, washing up liquid with garden hose and protecting wooden planks or fire hose, foam, and hay bales.

**Clothing:**

Weather appropriate clothing – t-shirts/rash vests and shorts strongly advised.

No shoes

**Safety:**

The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- Adult positioned at the top and bottom.
- Ensure all the slide is completely wet and soapy before participants go down.
- Slide and run off to be clear before next participant is allowed down
- If fire department are involved with water/foam, then hay bales must be placed at the slide bottom run off.

**Vehicle Access:**

Via Driveway

### Risk Analysis Management

Risk	Significance 1=minor, 2=major, 3=life changing	Eliminate/ Minimise	Solution/controls in place
Friction burns	2	Minimise	<ul style="list-style-type: none"> <li>• Supervised at the top.</li> <li>• Running water from hose and washing liquid provided</li> <li>• Recommended t-shirts/rash vest</li> </ul>
Participants sliding into spectator	2	Minimise	<ul style="list-style-type: none"> <li>• Supervised at top and bottom of water slide.</li> <li>• End of slide to be kept clear.</li> <li>• Spectators to stand at a clear distance at the sides and top</li> </ul>
Participant sliding into fence (when run with Fire Brigade)	2	Minimise	<ul style="list-style-type: none"> <li>• Living springs staff to set up slide at top of the hill.</li> <li>• Hay bales placed at a distance from the runoff of the slide</li> </ul>
Participants sliding into participants	2	Minimise	<ul style="list-style-type: none"> <li>• Supervisor to let participants down once the previous participant is clear of the slide</li> </ul>
Water slide flipping up in Northerly winds	2	Eliminate	<ul style="list-style-type: none"> <li>• Supervisor at the bottom</li> <li>• Slide pegged at the top.</li> </ul>



			• Assessment by supervisors in windy conditions
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<b>On Site Activity - Adventure Stream</b>	<b>Person Accountable: Joseph Aldridge</b>
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### Safe Operating Procedure

**Ratio:**

1:10 – At least 1 competent leader  
 Additional competent adults up to the maximum of 5

**Max Participants:**

30

**Minimum skills required:**

Competent instructor  
 Trained Instructor

**Equipment:**

First Aid kit, Radios, helmets

**Clothing:**

Enclosed suitable shoes, weather appropriate clothing

**Safety:**

The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- Instruction prior activity to safety in stream and how to descend a rope.
- Spotting from below for all participants descending a rope.
- Advise clients to stay together.
- Staff to lead group and adults to spread throughout

**Vehicle Access:**

No vehicle access, foot access only by 'bush walk' track and 'shortcut' leading to Bamfords Road or driveway near Swimming pool.

### Risk Analysis Management

Risk	Significance 1=minor, 2=major, 3=life changing	Eliminate / Minimise	Solution/controls in place
Slips, trips, and falls	2	Minimise	<ul style="list-style-type: none"> <li>• Highlighted to group.</li> <li>• Suitable shoes</li> <li>• Control of groups speed</li> <li>• Spotters used where required.</li> <li>• Pre - assessment of clients</li> <li>• Point out and help at crux points.</li> </ul>

			<ul style="list-style-type: none"> <li>• End activity for participant if not able to move easily in terrain.</li> <li>• Leading instructor to clear any debris</li> </ul>
Fall from height	2	Minimise	<ul style="list-style-type: none"> <li>• Correctly fitted helmet.</li> <li>• Briefed on how to descend a rope.</li> <li>• Spotters always at the bottom of a rope</li> <li>• Spotters to give advice at crux points.</li> <li>• Pre - assessment of client's abilities</li> </ul>
Stings from Onga Onga	1	Eliminate	<ul style="list-style-type: none"> <li>• Removed</li> </ul>
Drowning	3	Eliminate	<ul style="list-style-type: none"> <li>• Conditions of stream to be checked prior.</li> <li>• Weather forecast to be checked morning of activity.</li> <li>• Cease to run activity if stream levels too high – Water level flowing more than 65mm when measured at the top end of the culvert.</li> </ul>
Anxiety/Panic	2	Minimise	<ul style="list-style-type: none"> <li>• Pre - assessment of clients</li> <li>• Clients briefed on what activity entails.</li> <li>• Participant can walk around obstacles or leave the steam</li> </ul>

<b>On Site Activity - Air Rifles</b>	<b>Person Accountable: Joseph Aldridge</b>
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**Safe Operating Procedure****Ratio:**

1:15

**Max Participants:**

Shooting – 4

Total - 15

**Minimum skills required:**

Competent Instructor – Aged 18 or over

Trained instructor under the supervision of a competent instructor

**Equipment:**

First aid kit, Cellphone Air rifles, Pellets, Rifle range

**Clothing:**

Enclosed suitable shoes, weather appropriate clothing

**Safety:**

The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- Briefed adults can assist.
- Safety Brief entering range and start of activity.
- Participants to stay in the 'Waiting area' unless asked to approach to 'shooting area' by instructor.
- Spectators to be quiet.
- Air Rifles to be always pointed down the shooting range.
- Under 12's will have assistance in breaking and loading the air rifle.

**Storage:**

All gear locked away when not in use.

**Vehicle Access:**

Don's shed driveway, foot access only on the range.

**Risk Analysis Management**

Risk	Significance 1=minor, 2=major, 3=life changing	Eliminate/ Minimise	Solution/controls in place
Slips, trips, and falls	1	Minimise	<ul style="list-style-type: none"> <li>• Brief on how to move around in the area.</li> <li>• Walking always expected</li> <li>• Instructor to clear the path of any fallen debris.</li> <li>• Keep to the paths.</li> <li>• Suitable shoes</li> </ul>
Being shot	3	Minimise	<ul style="list-style-type: none"> <li>• Safety and instructions of use at the start of activity</li> <li>• Waiting zone, shooting area rules to be highlighted and governed.</li> </ul>

			<ul style="list-style-type: none"> <li>• All Air Rifles always pointed towards the target.</li> <li>• Quiet from participants in waiting area.</li> <li>• “STOP” signal verbally and physically shown.</li> <li>• Instructor to stay at shooting area and attention focused on shooters.</li> <li>• No entry in to target area by participants, Rifles to be unloaded and safety catch on if instructor must enter the Shooting range.</li> <li>• Use of safety catch after every shot</li> </ul>
Pellet ricocheting back to shooters	3	Eliminate	<ul style="list-style-type: none"> <li>• Targets to absorb and are flexible.</li> </ul>

<b>On Site Activity - Archery</b>	<b>Person Accountable: Joseph Aldridge</b>
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**Safe Operating Procedure**

**Ratio:**

1:15

**Max Participants:**

Shooting - 4

Total - 15

**Minimum skills required:**

Competent Instructor – Aged 18 or over

Trained instructor under the supervision of a competent instructor

**Equipment:**

First Aid kit, Cellphone, Safety line, Bows, Arrows, Archery targets

**Clothing:**

Enclosed suitable shoe, weather appropriate clothing

**Safety:**

The following key safety points must be shared with participants, as highlighted in the risk assessment.

- Briefed adults can assist.
- Safety Brief entering range and start of activity.
- Participants to stay in the ‘Waiting Area’ unless asked to approach the ‘Shooting line’ by instructor.
- Participants to only enter the ‘Target/Danger Area’ when given permission by the instructor.
- Loaded bows to be pointed to targets.
- Spectators to be quiet.

**Storage:**

All gear locked away when not in use.

**Vehicle Access:**

Don’s shed driveway, foot access only on the range.

**Risk Analysis Management**

Risk	Significance (1=minor, 2=major, 3=life changing)	Eliminate/ Minimise	Solution/Controls in place
Slips, trips, and falls	1	Minimise	<ul style="list-style-type: none"> <li>• Brief on how to move around in the area.</li> <li>• Walking always expected</li> <li>• Instructor to clear the path of any fallen debris.</li> <li>• Keep to the paths.</li> <li>• Suitable shoes</li> </ul>
Being shot	3	Minimise	<ul style="list-style-type: none"> <li>• Safety and instructions of use at the start of activity</li> </ul>

			<ul style="list-style-type: none"> <li>• Waiting zone, shooting line, Target/Danger area rules to be highlighted and governed.</li> <li>• All arrows to point towards the target.</li> <li>• Quiet from participants in waiting area.</li> <li>• “STOP” signal verbally and physically shown.</li> <li>• Instructor to stay at shooting line and attention focused on shooters.</li> </ul>
String hitting participants arm	1	Minimise	<ul style="list-style-type: none"> <li>• Briefing on not to overextend arm at the elbow.</li> <li>• Suggestion of wearing long sleeves</li> <li>• Good example of shooting posture shown</li> </ul>
Sting from Onga Onga	1	Minimise	<ul style="list-style-type: none"> <li>• Highlighted</li> <li>• Removal from area</li> </ul>

<b>On Site Activity - Archery Tag</b>	<b>Person Accountable: Joseph Aldridge</b>
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### Safety Operating Procedure

**Ratio:**

1:30

**Max Participants:**

30

**Minimum skills required by staff/volunteers:**

Competent Instructor

Trained instructor under the supervision of a competent instructor

**Equipment:**

Bows, Arrows, Safety Masks, Bunkers (and tent pegs), Cones, Ropes, Targets, and Standards

**Clothing:**

Enclosed suitable shoe, weather appropriate clothing

**Safety:**

The following key safety points must be shared with participants, as highlighted in the risk assessment.

- Participants must listen to a safety briefing before using equipment.
- Participants must wear safety equipment (masks) during combat games.
- Participants must not shoot arrows at any person, unless that person is wearing a safety mask and in the field of play and on the opposing team.
- All play must stop if the instructor stops the music during combat game.

**Storage:**

All gear locked away when not in use.

**Vehicle Access:** Easy and direct vehicle access from the Founders Field car park.

### Risk Analysis Management

Risk	Significance 1=minor, 2=major, 3=life changing	Eliminate/ Minimise	Solution/controls in place
Slips, trips, and falls	1	Minimise	<ul style="list-style-type: none"> <li>• Field of play to be clear of all objects other than the Archery Tag equipment</li> <li>• Warn of Tent Pegs</li> </ul>
Getting hit by arrow while not wearing safety mask and/or not following safety rules.	1	Minimise	<ul style="list-style-type: none"> <li>• Non-participants and Staff are to stay off to the side of the field of play.</li> <li>• Participants told to only shoot arrows at players on the opposing team who are wearing a safety mask and are in the field of play (not including the safe zone).</li> </ul>

Getting hit by a broken arrow	2	Minimise	<ul style="list-style-type: none"><li>• Participants are not to shoot broken arrows but must instead advise the instructor immediately. This includes arrows missing the foam tip.</li></ul>
Bow string hitting the arm	1	Minimise	<ul style="list-style-type: none"><li>• Briefing on not to over-extend arm at the elbow.</li><li>• Suggestion of wearing long sleeves</li><li>• Good example of shooting posture shown</li></ul>



**On Site Activity - Bouldering Wall**

Person Accountable: Joseph Aldridge

**Safe Operating Procedure****Ratio:**

1:30

**Max Participants:**

30

**Minimum skills required:**

Competent instructor

Trained instructor under the supervision of a competent instructor

**Equipment:**

First aid kit, Cellphone, 4 In situ crash mats, chalk

**Clothing:**

Loose fitting trousers/shorts, weather appropriate

**Safety:**

The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- Spotters recommended.
- Brief on spotting
- No shoes recommended no socks.
- No climbing above or below any one
- No jumping down above the black line
- Be aware of the gaps between the crash mats.
- Be aware of others using the Mat and the bouldering wall.
- A maximum of 3 participants on the ledge and brief on how to get down.

**Vehicle Access:**

Via Dons shed driveway

**Risk Analysis Management**

Risk	Significance 1=minor, 2=major, 3=life changing	Eliminate/ Minimise	Solution/controls in place
Falls	2	Minimise	<ul style="list-style-type: none"> <li>• Spotters recommended.</li> <li>• Crash Mats</li> <li>• Instructor and briefed adults to monitor.</li> <li>• Holds checked 3 monthly</li> </ul>
Climbers landing on a spotter	2	Minimise	<ul style="list-style-type: none"> <li>• Spotters briefed to stay aware of climbers.</li> <li>• Brief on good spotting techniques</li> <li>• No jumping down above the black line</li> </ul>
Climber stuck on ledge	1	Minimise	<ul style="list-style-type: none"> <li>• Instructors' knowledge to assist verbally.</li> <li>• Initial briefing</li> </ul>
Foot between the crash mats	2	Minimise	<ul style="list-style-type: none"> <li>• Initial briefing</li> </ul>

**On Site Activity - Bush Walk, Bush Ecology and Animal Ecosystems**
**Person Accountable: Joseph Aldridge**
**Safe Operating Procedure**
**Ratio:**

2:40 - 1 to be a competent instructor.

**Max Participants:**

40

**Minimum skills required:**

Competent instructor

Trained instructor under the supervision of a competent instructor

**Equipment:**

First Aid, Cellphone, activity resources

**Clothing:**

Enclosed suitable shoes, weather appropriate clothing

**Safety:**

The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- Briefed adults can assist.
- Briefing on track conditions
- Stick to the paths.
- Unless instructed, instructor to remain at the front of the group. If other instructors or briefed adults available, they are to be used as 'Tail end Charlie.'

**Vehicle Access:**

Living Springs driveway, access by foot only in to bush area's.

**Risk Analysis Management**

<b>Risk</b>	<b>Significance 1=minor, 2=major, 3=life changing</b>	<b>Eliminate/ Minimise</b>	<b>Solution/controls in place</b>
Slips, trips, and falls	1	Minimise	<ul style="list-style-type: none"> <li>• Brief on track conditions</li> <li>• Instructor to clear the path of any fallen debris.</li> <li>• Keep to the paths.</li> <li>• Suitable shoes</li> <li>• Routes planned to group's abilities and conditions</li> </ul>
Sting from Onga onga	1	Minimise	<ul style="list-style-type: none"> <li>• Highlighted</li> <li>• Removal from area</li> </ul>
Getting lost from the group	1	Eliminate	<ul style="list-style-type: none"> <li>• Group management</li> <li>• Instructor at the front and tail end Charlie if extra instructor or briefed adult</li> </ul>

**On Site Activity - Crate Stack**

Person Accountable: Joseph Aldridge

**Safe Operating Procedure****Ratio:**

1:15

**Max Participants:**

15

**Minimum skills required:**

Competent instructor

**Equipment:**

First aid kit, Cellphone, Static Ropes, harness, helmets, crates, gri-gri, twist lock carabiner, screw gate carabiner

**Clothing:**

Loose fitting trousers/shorts, weather appropriate

**Safety:**

The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- Briefed adults can assist.
- Safety zone for spectators
- Hair tied back.
- Loose clothing to be tucked away.
- Helmets are to be worn by belayer, the climber and people passing the crates.
- All harnesses and helmets to be checked by the instructor before every climb.

**Storage:**

- All climbing gear locked away when not in use.
- Gear hung out of reach between sessions.

**Vehicle Access:**

Via Driveway to Don's Shed

**Risk Analysis Management**

Risk	Significance 1=minor, 2=major, 3=life changing	Eliminate/ Minimise	Solution/controls in place
Faulty Equipment/ gear failure	3	Eliminate	<ul style="list-style-type: none"> <li>• Equipment checks before use.</li> <li>• 3 monthly checks</li> <li>• Renewal of equipment within recommended guidelines</li> <li>• Faulty equipment not to be used</li> </ul>
Fall from height	3	Eliminate	<ul style="list-style-type: none"> <li>• Instructor activity brief</li> <li>• Instructor equipment checks.</li> <li>• Instructor pre climb check.</li> </ul>

			<ul style="list-style-type: none"> <li>• Limit the height stack of crates to ensure participant cannot reach pulley</li> </ul>
Crates falling on to participants	2	Minimise	<ul style="list-style-type: none"> <li>• Participants briefed on stacked crates coming down and where to stand.</li> <li>• Group management of spectators</li> <li>• Helmets to be worn by belayer, climber and person passing the crates</li> </ul>
Belay device jams	2	Minimise	<ul style="list-style-type: none"> <li>• Long hair tied back.</li> <li>• Loose tassels and clothing to be tucked away.</li> <li>• Instructor trained to release and take over belay safely</li> </ul>

<b>DIY Karts</b>	<b>Person Accountable: Joseph Aldridge</b>
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**Safety Operating Procedure**

**Ratio:**  
**1:50**

**Minimum skills required:**  
**Competent Instructor**

**Equipment:**  
**Kart building boxes, First Aid**

**Clothing:**  
**Weather appropriate clothing if outdoors, closed toe shoes**

**Safety:**  
The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- Shoes must be worn.
- Kart pushers must keep their hands on the rider throughout the whole race.
- Karts must stay in your own lane.

**Vehicle Access:**  
**Via Driveway**

**Risk Analysis Management**

<b>Risk</b>	<b>Significance 1=minor, 2=major, 3=life changing</b>	<b>Eliminate/ Minimise</b>	<b>Solution/controls in place</b>
Running over extremities	1	Minimise	<ul style="list-style-type: none"> <li>• Wearing shoes to protect toes.</li> <li>• Pushers control kart by always having hand on rider during race</li> </ul>
Karts running into one another	1	Minimise	<ul style="list-style-type: none"> <li>• Pushers control kart by always having hand on rider during race.</li> <li>• Designated lane for karts to stay in</li> </ul>
Karts running into other participants	1	Minimise	<ul style="list-style-type: none"> <li>• Designated lane for karts to stay in</li> <li>• Pushers control kart by always having hand on rider during race</li> </ul>

<b>On Site Activity - Initiatives</b>	<b>Person Accountable: Joseph Aldridge</b>
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**Safe Operating Procedure**

**Ratio:**

1 Competent Instructor :100 adults

1 Competent Instructor: 60 minors / 2:60-70 - 1 Competent Instructor

1 Adult: 10 Minors

**Max Participants:**

100

**Minimum skills required:**

Competent Instructor

Trained instructor under the supervision of a competent instructor

**Equipment:**

First aid kit, Cellphone, in situ initiatives, blindfolds, buckets of water, ducks, activity cards

**Clothing:**

Enclosed suitable shoe, weather appropriate clothing

**Safety:**

The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- Briefed adults to oversee safety of their group (Spotting properly, directly holding wooden wheel)
- Safety briefing of area and activities
- Instruction on spotting
- Participants read activity cards before starting and follow instructions.
- Brief participants to look after one another on activities.
- All groups of minors to be supervised by a briefed adult.

**Vehicle Access:**

Quad bike access to site, vehicle access via Dons shed driveway.

**Risk Analysis Management**

Risk	Significance 1=minor, 2=major, 3=life changing	Eliminate/ Minimise	Solution/controls in place
Falling from an activity	2	Minimise	<ul style="list-style-type: none"> <li>• Brief and demonstration on Spotting</li> <li>• Clear instructions on activity cards when to use spotting.</li> <li>• Briefed adults are required to assist and monitor minors.</li> <li>• Hazards pointed out (wooden wheel, wall, ditch, pole)</li> <li>• Instructor’s judgement of group’s abilities and age to set level of difficulty.</li> </ul>

			<ul style="list-style-type: none"> <li>• Instructors roam, checking on all groups.</li> <li>• Rubber matting and bark under and around activities</li> </ul>
Slips, trips, and falls	1	Minimise	<ul style="list-style-type: none"> <li>• Instructor to clear the path of any fallen debris.</li> <li>• Keep to the paths.</li> <li>• Suitable shoes</li> <li>• Rubber matting</li> <li>• Warning of rubber edging</li> </ul>
Participants hurting their backs	2	Minimise	<ul style="list-style-type: none"> <li>• Instructors roaming</li> <li>• Briefed adults should be used to assist and monitor</li> </ul>
Sting from Onga Onga	1	Minimise	<ul style="list-style-type: none"> <li>• Highlighted</li> <li>• Removal from area</li> </ul>
Equipment Failure	2	Eliminate	<ul style="list-style-type: none"> <li>• 3 monthly checks</li> </ul>

**On Site Activity - Low Ropes**

Person Accountable: Joseph Aldridge

**Safe Operating Procedure****Ratio:**

1:40

**Max Participants:**

40

**Minimum skills required:**

Competent Instructor

Trained instructor under the supervision of a competent instructor

**Equipment:**

First Aid kit, Cellphone, blindfolds, cups/jugs of water, water, floating rubber duck

**Clothing:**

Enclosed suitable shoes, weather appropriate clothing

**Safety:**

The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- Briefed adults can assist.
- Participants on the low ropes must have a spotter each side of them.
- Side stepping is recommended rather than 'tightrope walking.'
- Do not go in between the cross ropes.
- Spotters to be aware of Burma buckets.
- Brief participants to look after one another on activities.

**Vehicle Access:**

Quad bike access to site, vehicle access via Dons shed driveway.

**Risk Analysis Management**

Risk	Significance 1=minor, 2=major, 3=life changing	Eliminate/ Minimise	Solution/controls in place
Falling from an activity	2	Minimise	<ul style="list-style-type: none"> <li>• Brief and demonstration on Spotting</li> <li>• Briefed adults can be used to assist and monitor.</li> <li>• Hazards pointed out.</li> <li>• Instructor's judgement of group's abilities and age to set level of difficulty.</li> <li>• Instructors roam, checking on all groups.</li> <li>• Rubber matting and bark under and around activities</li> <li>• Trust fall is under direct supervision of instructor</li> </ul>
Slips and trips	1	Minimise	<ul style="list-style-type: none"> <li>• Instructor to clear the path of any fallen debris.</li> <li>• Suitable shoes</li> <li>• Rubber matting</li> </ul>
Equipment Failure	2	Eliminate	<ul style="list-style-type: none"> <li>• 3 monthly checks</li> </ul>
Sting from Onga Onga	1	Minimise	<ul style="list-style-type: none"> <li>• Highlighted</li> <li>• Removal from area</li> </ul>



**On Site Activity - Mountain Boarding**

Person Accountable: Joseph Aldridge

**Safety Operating Procedure****Ratio:**

1:15

**Max Participants:**

15

**Minimum skills required by adult assistants:**

Briefed by Competent LS Staff Member

**Staff:**

1 Competent Instructor

**Equipment:**

Mountain boards, helmets, knee pads, elbow pads, wrist guards, spanner, Radios

**Clothing:**

Wear weather-appropriate clothing, closed-toe shoes.

**Safety:**

The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- All participants must wear full protective gear, i.e., Helmets, knee pads, elbow pads, wrist guards.
- How to use brakes safely, i.e., Brakes will not bring you to a stop immediately - they are more effectively used to control speed than to come to a quick stop.
- Emphasize importance of controlling your speed
- How to steer board by moving body weight onto toes or heels.
- Beginner riders should keep foot straps loose to step off board more easily if they lose balance.
- Riders should not go above adult at top of road/track. Riders should move to the side of the road and stop moving if directed by an adult to allow a vehicle to pass safely.
- Riders must show their proficiency and control of board on easy terrain before moving on to more difficult/faster terrain.
- Riders must start one after the other rather than all at once.
- When walking back to the top of the track/road, riders must stay to the side and make sure they are out of the way of people riding down the track/road.

**Storage:**

All gear locked away when not in use.

**Vehicle Access:**

Camp track has easy vehicle access as it is on the road. Farm track can be accessed by 4WD vehicle only.

### Risk Analysis Management

Risk	Significance 1=minor, 2=major, 3=lif e changing	Eliminate/ Minimise	Solution/controls in place
Collision with moving vehicle	3	Minimise	<ul style="list-style-type: none"> <li>• Adult assistants to be stationed at top and bottom of route. They must stop incoming/outgoing traffic until the road is clear of mountain boarders. Walkie talkies to be used to facilitate communication between adults.</li> </ul>
Collision with stationary object	2	Minimise	<ul style="list-style-type: none"> <li>• Riders are shown how to use brakes to slow speed, and how to steer board by moving body weight.</li> <li>• Riders are not allowed to proceed to more difficult/faster terrain until they can show that they can control themselves on the board.</li> <li>• Riders must wear protective gear (helmets, knee pads, elbow pads, wrist guards).</li> </ul>
Collision with another rider	2	Minimise	<ul style="list-style-type: none"> <li>• As above</li> <li>• Riders are told not to ride all at once and instead are staggered one after another.</li> <li>• When walking back to the top, riders are to move to the side and stay out of the way</li> </ul>
Brake failure	2	Minimise	<ul style="list-style-type: none"> <li>• Instructor to check all brakes before activity begins. Adjustments to be done before running activity, if needed, or board not used if it cannot be fixed.</li> </ul>

<b>On Site Activity - Orienteering and Rogaine</b>	<b>Person Accountable: Joseph Aldridge</b>
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**Safe Operating Procedure****Ratio:**

1:100

**Max Participants:**

100

**Minimum skills required:**

Competent Instructor

Trained instructor under the supervision of a competent instructor

**Equipment:**

Answer Sheet, maps, orienteering markers, phones (Rogaine only)

**Clothing:**

Enclosed suitable shoes, weather appropriate clothing

**Safety:**

The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- Briefed adults can assist.
- Point out roads and make them aware of traffic moving around site.
- Brief on how to use map and point out where North is.
- Group to stick together.
- Do not climb over fences (orienteering only)
- Rogaine participants to be warned of electric fences and animals and to carry a fully charged cell phone.
- Siren to signify to return for orienteering/ established finish time given for Rogaine.

**Vehicle Access:**

Via Driveway, quad bike/4WD in open areas, foot only on the tracks

**Risk Analysis Management**

Risk	Significance 1=minor, 2=major, 3=life changing	Eliminate/ Minimise	Solution/controls in place
Slips, trips, and falls	1	Minimise	<ul style="list-style-type: none"> <li>• Brief on how to move around in the area.</li> <li>• Grounds staff upkeep on tracks</li> <li>• Keep to the paths.</li> <li>• Suitable shoes</li> </ul>
Sting from Onga Onga	1	Minimise	<ul style="list-style-type: none"> <li>• Highlighted</li> <li>• Removal from high traffic areas</li> <li>• Groups to keep to the paths</li> </ul>

Getting lost from the group	1	Minimise	<ul style="list-style-type: none"> <li>• Instructions to keep together.</li> <li>• Briefed adults can be used to walk around / be stationed in the area</li> </ul>
Getting Lost	1	Minimise	<ul style="list-style-type: none"> <li>• Thorough brief on map reading</li> <li>• Briefed adults can be used to walk around / be stationed in the area.</li> <li>• Awareness of boundaries</li> <li>• Rogaine's- phone numbers given out.</li> <li>• Lost child/group procedure</li> <li>• Instructors' judgement on if participants should be individual or groups and if needing an adult to accompany</li> </ul>

<b>Rogaine specific Risks</b>			
<b>Risk</b>	<b>Significance 1=minor, 2=major, 3=life changing</b>	<b>Eliminate/ Minimise</b>	<b>Solution/controls in place</b>
Livestock	3	Minimise	<ul style="list-style-type: none"> <li>- Brief participants on where animals might be and how to travel around them.</li> <li>- Close off markers if necessary, during lambing</li> </ul>
Electric Fence	1	Minimise	<ul style="list-style-type: none"> <li>- Brief adults to look out for the potential of fence being electrified.</li> <li>- Recommended to use gates and stile when possible</li> </ul>

**On Site Activity - Outdoor Living Skills****Person Accountable: Joseph Aldridge****Safe Operating Procedure****Ratio:**

1:50

**Max Participants:**

50

**Minimum skills required:**

Competent Instructor

Trained instructor under the supervision of a competent instructor

**Equipment:**

First aid kit, Cellphone, tarpaulin, string, tent pegs, mallets, metal bowls, cotton wool, Flint and striker, water

**Clothing:**

Enclosed suitable shoes, weather appropriate clothing

**Safety:**

The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- Briefed adults can assist.
- Brief on lighting fires safely
- Brief on location to build shelter/stretchers/fire.
- To keep in the boundaries set
- Briefed adults if available can assist in implementing safety within groups.
- The group broken down into smaller groups.

**Vehicle Access:**

Via Driveway, quad bike/4WD in open areas, foot access only on the tracks

**Risk Analysis Management**

<b>Risk</b>	<b>Significance 1=minor, 2=major, 3=life changing</b>	<b>Eliminate/ Minimise</b>	<b>Solution/controls in place</b>
Fire	3	Minimise	<ul style="list-style-type: none"> <li>• Clear location</li> <li>• Water with each group for emergencies and to extinguish fire.</li> <li>• Small Metal bowls used to minimise size of fire.</li> <li>• Limited fuel for fire</li> <li>• In fire ban - only cotton balls lit</li> </ul>
Shelter collapsing on participants	2	Minimise	<ul style="list-style-type: none"> <li>• Brief and cards recommending safe ways to construct.</li> <li>• Appropriate locations discussed</li> </ul>
Damage to environment	1	Minimise	<ul style="list-style-type: none"> <li>• Briefed on how to look after environment.</li> <li>• Area is returned to how it looked before.</li> <li>• Environmental care code is followed</li> </ul>
Slips, trips, and falls	1	Minimise	<ul style="list-style-type: none"> <li>• Brief on how to move around in the area.</li> <li>• Suitable shoes</li> </ul>

**On-Site Activity - Stream Study****Person Accountable: Joseph Aldridge****Safety Operating Procedure****Ratio:**

30:1

**Max Participants:**

30

**Minimum skills required:**

Competent Instructor

Trained instructor under the supervision of a competent instructor

**Equipment:**

First aid kit, cell phone, magnifying glasses, nets, stream study guides, pipettes, spoons, trays, tarps

**Clothing:**

Enclosed shoes that can get wet or gumboots and weather appropriate clothing.

**Safety:**

The following key safety points must be shared with participants, as highlighted in the risk analysis:

- Adults asked to spread among group and assist with group management
- Equipment provided must be used for its intended purpose
- Remind students of potential for falls/slips near stream

**Note:** All students are not required to get in the water**Vehicle Access:**

Vehicle access via Farm Park

**Risk Analysis Management**

Risk	Significance 1=minor, 2=major, 3=life changing	Eliminate/ Minimise	Solution/controls in place
Falling in Stream	1	Minimise	<ul style="list-style-type: none"> <li>• Choose suitable entry points into the stream.</li> <li>• Adult supervision near stream</li> </ul>
Slips, trips, and falls	1	Minimise	<ul style="list-style-type: none"> <li>• Wear appropriate footwear.</li> <li>• Take care on uneven ground, especially when wet</li> </ul>
Onga Onga	1	Minimise	<ul style="list-style-type: none"> <li>• Highlight</li> <li>• Remove</li> </ul>
Destruction of stream environment including the banks	1	Minimise	<ul style="list-style-type: none"> <li>• Choosing suitable easy entry points into the stream to minimise bank erosion.</li> <li>• Only one child per group to gather samples in stream</li> </ul>
Contact with water-borne diseases	2	Minimise	<ul style="list-style-type: none"> <li>• Insist on washing of hands before eating</li> </ul>

<b>On Site Activity - Tree Climb</b>	<b>Person Accountable: Joseph Aldridge</b>
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### Safe Operating Procedure

**Ratio:**

1:2 non-staff belayers, plus up to 15 participants per tree.

**Max Participants:**

30

**Minimum skills required:**

Competent Instructor

A Living Springs Competent Belayer may belay a climb with a Competent Instructor present at the tree climb site.

**Equipment:**

First aid kit, Cellphone, Rope Bags, Dynamic rope, belay device, twist lock carabiner, screw gate carabiner, helmets, harnesses, Rescue Equipment – prusik rope, ATC, carabiner and rope, hand ascender

**Clothing:**

Loose-fitting trousers/shorts, weather appropriate, well fitted closed toe shoes.

**Safety:**

The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- Hair tied back.
- Loose clothing to be tucked away.
- Helmets will always be worn during activities by staff and participants.
- Shoes fastened tightly.
- All harnesses and helmets to be checked by the instructor before every climb.
- The non-staff belayers watch the demonstration of belaying techniques and show understanding.
  - o V to the Knee 1,2,3 Method taught by instructor
  - o When climber is not moving brake hand should be below belay device
  - o Back up belayer to hold the dead end of the rope below the belay device (on one knee is best) and briefed not to let go.
  - o Other participants hold ladder while climber is on it, then responsible for moving it out of the way.
- Lowering technique demonstrated and briefed.
  - o Put the rope over the smooth side of GriGri keep brake hand below belay device and gently pull back on lever.
  - o If climber starts descending too rapidly, let go of lever.
- All belayers are checked by instructor on belaying and lowering technique as per above.
- Briefed on Climbing calls.
- Participants aware of road behind

**Storage:**

All gear locked away when not in use. Ropes hung out of reach between sessions.

**Vehicle Access:**

Via driveway

**Risk Analysis Management**

Risk	Significance 1=minor, 2=major, 3=life changing	Eliminate/ Minimise	Solution/controls in place
Faulty Equipment/ gear failure	3	Eliminate	<ul style="list-style-type: none"> <li>Equipment checks before use.</li> <li>3 monthly checks</li> <li>Renewal of equipment within recommended guidelines</li> <li>Faulty equipment not to be used</li> </ul>
Fall from height	3	Eliminate	<ul style="list-style-type: none"> <li>Tree Climb never left unsupervised with the ladders giving access to climbs.</li> <li>Instructor activity brief</li> <li>Instructor equipment checks.</li> <li>Instructor pre climb check.</li> <li>Instructor attention to belayer</li> <li>Ladder removed once climber is on the tree climb.</li> <li>Back up belayers used.</li> <li>Instructor 1 to 1 attention to belayers lowering until confident in abilities</li> </ul>
Objects to fall from above on participants	3	Minimise	<ul style="list-style-type: none"> <li>Internal Seasonal check, technical advisor checks yearly.</li> <li>Participants will always wear helmets while in the climbing area.</li> <li>Tight fitting shoes</li> <li>Empty pockets from climber</li> <li>Supervision of the area and participants/nonparticipants</li> </ul>
Participants being hit by a car or Mountainboarders	3	Minimise	<ul style="list-style-type: none"> <li>Warning participants of the road during briefing</li> <li>Group control</li> <li>Signs to slow vehicles</li> </ul>
Belay device jams	2	Minimise	<ul style="list-style-type: none"> <li>Long hair tied back.</li> <li>Loose tassels and clothing to be tucked away.</li> <li>Instruction of hand positions</li> <li>Instructor trained to release and take over belay safely</li> </ul>
Climber freezes	2	Minimise	<ul style="list-style-type: none"> <li>Activity brief and demonstration</li> <li>Suggestion to test leaning back and abseiling from a height close to the bottom of the climb.</li> <li>Instructors' knowledge on rescue technique</li> </ul>
Anchors failing	3	Eliminate	<ul style="list-style-type: none"> <li>Internal Seasonal check, technical advisor checks yearly</li> </ul>
Climb 2 /3/4 being lowered on to platforms.	3	Minimise	<ul style="list-style-type: none"> <li>Training and briefing on hazards whilst lowering.</li> <li>Soft padding on edge of shed roof</li> </ul>
Ladders	2	Minimise	<ul style="list-style-type: none"> <li>Instructor shall manage the handling of the ladder by participants.</li> <li>Warn about uneven terrain while carrying.</li> <li>Make sure participants are physically capable to handle the ladder (i.e., tall enough, strong enough)</li> </ul>



<b>On Site Activity - Wide Games – Animal Survival and Colours</b>	<b>Person Accountable: Joseph Aldridge</b>
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**Safe Operating Procedure****Ratio:**

1:100

**Max Participants:**

100

**Minimum skills required:**

Competent Instructor

Trained instructor under the supervision of a competent instructor

Briefed adults – only on “Colors’ game

**Equipment:**

First aid kit, Cellphone, wide game specific equipment

**Clothing:**

Suitable enclosed shoe, Weather appropriate clothing

**Safety:**

The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- Briefed adults can assist.
- Clear explanation on boundaries, game rules and hazards
- Clear signal and sound when to return and game is over.
- Instructor and briefed adults if available to be stationed or roam inside boundaries.

**Vehicle Access:**

Via Driveway, quad bike/4WD in open areas, foot access only on the tracks

**Risk Analysis Management**

Risk	Significance 1=minor, 2=major, 3=life changing	Eliminate/ Minimise	Solution/controls in place
Slips, trips, and falls	1	Minimise	<ul style="list-style-type: none"> <li>• Brief on how to move around in the area.</li> <li>• Suitable shoes</li> <li>• Advised when slippery.</li> <li>• Warning of hazards and boundaries</li> <li>• Clear major debris</li> </ul>
Vehicles	3	Minimise	<ul style="list-style-type: none"> <li>• Brief participants on road</li> <li>• Briefed adults if available can monitor for traffic</li> </ul>
Getting lost	1	Minimise	<ul style="list-style-type: none"> <li>• Clear boundaries set.</li> <li>• Maps provided if needed.</li> <li>• Instructor roaming</li> </ul>
Running into Obstacles	2	Minimise	<ul style="list-style-type: none"> <li>• Warn participants of risks of running through dense bush areas</li> </ul>

**On Site Activity - Zipline**

Person Accountable: Joseph Aldridge

**Safety Operating Procedure****Ratio:**

1:20; 2 being adult helpers.

**Max Participants:**

20

**Minimum skills required by staff/volunteers:**

Briefed by Competent LS Staff Member

**Staff:**

1 Competent Instructor to run activity.

A zipline rescue competent instructor is on Living Springs property and available to respond immediately.

**Equipment:**

3 Trolley sets, harnesses, helmets, and rescue equipment (2 trolley sets, 1 harness, safety gloves, static rope, 3:1 pulley system).

**Clothing:**

Wear appropriate clothing, shoes with heel strap or more.

**Safety:**

Instructor to conduct full weight test before using the cable.

The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- Instruction prior to activity to ensure safety on and around zipline.
- Participant can be a max age of 12 years old.
- Teach adult helper on dismount platform how to safely remove participant from zipline.
- Properly fitted harnesses.
- Properly fitted helmets.
- Platforms clear before zipping.
- Advise participants and adult helpers to read the Do's & Don't sign while waiting.

**Storage:**

All gear locked away when not in use.

**Vehicle Access:**

Access next to rope swing not fully to zipline.

### Risk Analysis Management

Risk	Significance 1=minor, 2=major, 3=life changing	Eliminate/ Minimise	Solution/controls in place
Fall from height	3	Eliminate	<ul style="list-style-type: none"> <li>Competent Instructor pre-check of equipment and elements.</li> <li>Competent Instructor checking harness before being sent</li> </ul>
Falling from dismount platform	2	Eliminate	<ul style="list-style-type: none"> <li>Instructing Adult helper to stay off platform until participant comes to a complete stop.</li> <li>Handrails on two sides of dismount platform to prevent person falling.</li> </ul>
Participant hitting obstacles on dismount platform	2	Minimise	<ul style="list-style-type: none"> <li>Age limit to participant is not too tall/too heavy.</li> <li>Competent Instructor being alert to things in the way on the dismount platform before sending participants, including people at the dismount platform.</li> <li>Instruct participants to bend their knees towards their body (cannonball position) while flying over the dismount platform.</li> </ul>
Body part stuck in trolley	3	Minimise	<ul style="list-style-type: none"> <li>Safety briefing on where to put hands on ride.</li> <li>Make sure hair is tied back and/or tucked into shirt</li> </ul>
Equipment failure	1-3	Minimise	<ul style="list-style-type: none"> <li>Competent Instructor pre-checking of equipment prior to activity being run.</li> <li>Competent Instructor paying attention to how well trolley runs on zipline.</li> <li>3 monthly checks</li> <li>Renewal of equipment within recommended guidelines</li> </ul>
Participant touching cable while in motion	2	Minimise	<ul style="list-style-type: none"> <li>Safety briefing on where to put hands on ride.</li> <li>Advising not to touch cable while in motion</li> </ul>
Unsupervised usage	2	Eliminate	<ul style="list-style-type: none"> <li>Not having equipment available to use without Competent Instructor present.</li> <li>Proper signage</li> </ul>

<b>Off Site Activity - Walk in from Governors Bay/Sign of the Kiwi/Bellbird</b>	<b>Person Accountable: Joseph Aldridge</b>
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**Safe Operating Procedure****Ratio:**

1:50

**Max Participants:**

120

**Minimum skills required:**

Competent Instructor

Trained instructor under the supervision of a competent instructor

Adult briefed by LS staff

**Equipment:**

First aid kit, Cellphone, mobile phone, ponchos if forecast to rain.

**Clothing:**

Enclosed suitable shoes, weather appropriate clothing

**Safety:**

The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- Program manager/instructor to have prior contact with group on meeting point and recommend individuals kit list and clothing.
- Adults asked to spread amongst groups and assist with group management.
- One trained instructor/adult to be used as 'tail end Charlie.'
- Single file on one side of the road whilst walking on the road.
- Boundaries set along the way.
- Instructor to be at the front of the group unless specified.
- Controlled management of crossing road's

**Vehicle Access:**

Foreshore track – Jetty Road in Governors Bay, Church Lane in Allandale, Allandale Reserve via

Governors Bay Teddington Road to in Allandale

Living Springs farm Park – 4WD and quad bike access. Between 'White Gate' and Living Springs old go kart track is foot access only.

Sign of the Kiwi/Bellbird – Summit Road, Living springs driveway to OCC

### Risk Analysis Management

Risk	Significance 1=minor, 2=major, 3=life changing	Eliminate/ Minimise	Solution/controls in place
Slips, trips, and falls	2	Minimise	<ul style="list-style-type: none"> <li>• Brief on slippery rocks at the beach</li> <li>• Keep to the path.</li> <li>• Suitable shoes</li> <li>• No climbing up the rock faces</li> <li>• Briefed on how to cross a cattle grid</li> </ul>
Vehicles	3	Minimise	<ul style="list-style-type: none"> <li>• Single file whilst walking on road.</li> <li>• Controlled road crossing</li> <li>• Participants to be made aware of when a car is coming</li> </ul>
Heat exhaustion/dehydration	2	Minimise	<ul style="list-style-type: none"> <li>• Participants should have their own water.</li> <li>• Extreme hot days, find shady spots to stop in</li> <li>• Participants to have own sun hats.</li> <li>• Adequate rest stops</li> </ul>
Lost participant	2	Eliminate	<ul style="list-style-type: none"> <li>• Group management</li> <li>• Boundaries set along route.</li> <li>• Adult/ instructor to be 'Tail end Charlie' not to have any one behind them.</li> <li>• Instructor positioned at the front of the group unless specified.</li> <li>• Adults stationed at locations where paths split</li> </ul>
Damage to natural environment and beach life	1	Minimise	<ul style="list-style-type: none"> <li>• Stick to paths.</li> <li>• Participants briefed how to handle crabs and other sea life, and what to not take away from environment.</li> <li>• Place rocks back on the beach where found.</li> <li>• Message of walk is to understand the damage caused to the land by predecessors.</li> <li>• Compliance with NZ Environmental Care Code</li> <li>• Instructors and adults to check for litter left behind</li> </ul>
Rock Fall	3	Minimise	<ul style="list-style-type: none"> <li>• All paths used are open</li> </ul>

<b>Farm Park Activities – General Activities</b>	<b>Person Accountable: Joseph Aldridge</b>
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**Safe Operating Procedure****Ratio:**

1:15 Milking

1:60 Sheering

**Max Participants:**

130

**Minimum skills required:**

Onsite training

**Equipment:**

Animal Pens, Sheering hand Piece, milking machine, any other general farm apparatus, First Aid kit

**Clothing:**

Weather Appropriate clothing

**Safety:**

The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- Animals to be respected, behavior on how to behave around animals.
- Briefed on how to approach animals and what animals not to approach.
- Handheld out flat when feeding an animal.
- To be aware of vehicles moving about on the farm and roads
- Warning of electric fences, and not to climb fences.
- Do not approach any dogs unless specified.
- Wash Hands before eating.
- Set boundaries.

**Vehicle Access:**

Main car park, hay barn/kayak shed and some paddocks.

**Risk Analysis Management**

Risk	Significance 1=minor, 2=major, 3=life changing	Eliminate/ Minimise	Solution/controls in place
Bitten by an animal	2	Minimise	<ul style="list-style-type: none"> <li>• Supervised feeding of animals</li> <li>• Brief on how to feed an animal.</li> <li>• Participants briefed on behaviour around animals.</li> <li>• Control on which animals are fed</li> </ul>
Participants getting lost	1	Eliminate	<ul style="list-style-type: none"> <li>• Boundaries set</li> </ul>
Slips, trips, and falls	2	Minimise	<ul style="list-style-type: none"> <li>• Keep paths clear of debris.</li> <li>• Maintain areas.</li> <li>• Advice to stick to the paths.</li> <li>• No running</li> </ul>
Falling into waterways	3	Minimise	<ul style="list-style-type: none"> <li>• Stream fenced off.</li> <li>• Boundaries set.</li> <li>• Groups supervised by LS staff or adults in farm</li> </ul>

Shock by electric fence	1	Minimise	<ul style="list-style-type: none"> <li>• Explanation what an electric fence looks like</li> <li>• Participants made aware of fences that are on</li> </ul>
Animals barging/kicking/knocking/stepping on to participant	3	Minimise	<ul style="list-style-type: none"> <li>• Animals are held in appropriate pens.</li> <li>• Brief on behaviour around animals</li> <li>• Supervision</li> </ul>
Cuts from Shearers	2	Minimise	<ul style="list-style-type: none"> <li>• Supervised and assisted by LS staff.</li> <li>• Clear explanation on how to hold/use shearer's</li> </ul>
Vehicles	3	Minimise	<ul style="list-style-type: none"> <li>• Participants made aware of that it is a working farm and to be aware of moving vehicles.</li> <li>• Supervision of participants moving around the farm</li> </ul>
Scratch by barbed wire	1	Minimise	<ul style="list-style-type: none"> <li>• Participants told not to climb on fences</li> </ul>

<b>Farm Park Activities – Tractor &amp; Wagon Ride</b>	<b>Person Accountable: Joseph Aldridge</b>
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### Safe Operating Procedure

**Ratio:**

2:14 with Minors – 1 must be tractor assessed.  
 3:14 with Preschool – 1 must be tractor assessed.  
 1:8 with adults – 1 must be tractor assessed

**Max Participants:**

16 Minors  
 10 Adults

**Minimum skills required:**

Tractor training and assessment with LS staff  
 Briefed adult

**Equipment:**

Tractor and wagon

**Clothing:**

Weather appropriate clothing

**Safety:**

The following key safety points must be shared with participants, as highlighted in the Risk assessment.

- All participants to remain seated
- Chain must be clipped across rear of wagon before tractor moves
- Adults briefed to ensure participants stay seated

**Vehicle Access:**

Main car park, hay barn/kayak shed, some paddocks.

Risk	Significance 1=minor, 2=major, 3=life changing	Eliminate/ Minimise	Solution/controls in place
Falling off the Wagon	2	Eliminate	<ul style="list-style-type: none"> <li>• Chain put across entry of wagon.</li> <li>• Briefed adults to supervise minors and preschool children.</li> <li>• Participants to remain seated whilst moving</li> </ul>
Spectators hit by tractor	3	Eliminate	<ul style="list-style-type: none"> <li>• Tractor driven at a safe speed.</li> <li>• Spectators supervised at the farm and in a defined safe area</li> </ul>
Wagon coming unattached from the tractor	3	Eliminate	<ul style="list-style-type: none"> <li>• When attaching wagon ensure it is securely fitted to tractor with chain and D shackle</li> <li>• Maps provided if needed.</li> <li>• Instructor roaming</li> </ul>
Failure of Equipment	3	Eliminate	<ul style="list-style-type: none"> <li>• Preseason safety checks</li> </ul>