

Area Description
Students attending the Safari School experience. Covers all areas and types of task the student will be engaged in.
Related Risk Assessments & Documentation
<ul style="list-style-type: none"> <li>ARA-GEN-001 - General Site Risk Assessment</li> <li>SI-GEN-001 - Risk Assessment Guidance for Schools &amp; Groups</li> <li>ARA-GEN-002 – Site Vehicles Risk Assessment</li> <li>Area &amp; Task Risk Assessments within Sections of the Park</li> </ul>

People groups affected	
Employees	Contractors
✓ Public / Visitors	[Other]

Assessment no.	001
Assessment by	S. Denny
Date	16-November-2017

Risk Rating = (Severity x Likelihood)			
Severity (S)		Likelihood (L)	
1: No injury; No First Aid; No loss		1: Very Unlikely	
2: Minor Injury; < 3 Days off; Minor Damage		2: Unlikely	
3: > 3 Days off; Serious Damage; Loss		3: Possible	
4: Major Injury; Loss; Business Interruption		4: Probable	
5: Fatality; Business Closure		5: Certain	
Rating (R)	1 - 5 (Low)	6 - 15 (Med)	16 - 25 (High)

Risk Type / Reference	Description of Hazard / Accident / Injury / Loss	Risk Rating - Without Controls			Controls in Place	Risk Rating - With Controls		
		S	L	R		S	L	R
[1] Manual Handling	<p><b>Injury to the back, neck, or upper-limbs – either Chronic or Acute – due to Manual Handling.</b> Notably via:</p> <ul style="list-style-type: none"> <li>❖ Handling animal feed, bedding materials, etc.</li> <li>❖ Manual use of shovels, wheelbarrows, buckets, etc.</li> <li>❖ Leading large animals (llama; goat; pig)</li> <li>❖ Carrying a load up / downstairs, thereby not holding the handrail</li> </ul>	3	4	12	<p><b>Control Measures:</b></p> <ul style="list-style-type: none"> <li>Manual Handling for students will be minimised</li> <li>Wheelbarrows, handled buckets, &amp; other lifting aids available in all departments</li> <li>Food and other equipment is of a generally reasonable size and weight for 1 person – Feed bags, buckets, etc. will be filled to a manageable weight for the individual</li> </ul> <p><b>Expected Behaviours:</b></p> <ul style="list-style-type: none"> <li>Keepers will never ask students to lift or move heavy items</li> <li>Safe lifting behaviours are expected – Lift from the knees, do not jerk, twist, or strain</li> <li>Heavier loads to be shared between 2 people</li> <li>Students must lift only objects of a weight / size that is comfortable to do so</li> </ul>	2	2	4
[2] Slips, Trips, & Falls	<p><b>A fall resulting in injury, a sprained ankle, or other related injury caused by a Slip, Trip, or Fall.</b> Notably via:</p> <ul style="list-style-type: none"> <li>❖ A slip or trip on muddy, wet, or rough ground</li> <li>❖ A slip on wet or slick floors (e.g. in penguin enclosure)</li> <li>❖ A trip due to material left in walkways or working areas – e.g. uncoiled hose, laid down buckets, bags, etc.</li> <li>❖ A trip or fall due to handling / carrying a load (e.g. carrying a box up or downstairs - not holding the handrail)</li> <li>❖ A trip due to running, inattention, or similar behaviour</li> </ul>	4	3	12	<p><b>Control Measures:</b></p> <ul style="list-style-type: none"> <li>All students must have suitable footwear – Either wellington boots, or sturdy lace-up boots. Footwear must have good grip in the soles</li> <li>Housekeeping standards are in place for all areas of the park</li> </ul> <p><b>Expected Behaviours:</b></p> <ul style="list-style-type: none"> <li>Any issues – such as a pothole, or loose door strip – should be reported to a keeper</li> <li>Food to be carried in single-handed buckets or containers</li> <li>Good housekeeping is expected in all areas – trip hazards should never be left in areas or walkways where a person may slip or trip over them</li> <li>Keepers will not ask students to climb over / access any areas where there is a significant slip / trip hazard</li> <li>Students are expected to follow rules from keepers / other responsible persons – i.e. No running, climbing, accessing areas without permission</li> </ul>	2	2	4

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">[3] Contact with Animals</p>	<p><b>Serious Injury to a student due to contact with an animal.</b></p> <p>Notably via:</p> <ul style="list-style-type: none"> <li>❖ Being injured by an animal where contact is permitted:                     <ul style="list-style-type: none"> <li>○ Being knocked down, stood on, pulled over, or struck by a larger animal (horse; llama; goat)</li> <li>○ Being bitten or scratched by an animal (meerkat; lemur; penguin; otter; goat)</li> <li>○ Being pecked, cut, or receiving a puncture wound from a Bird of Prey</li> </ul> </li> <li>❖ Being injured by an animal where contact is NOT permitted:                     <ul style="list-style-type: none"> <li>○ Being crushed or grabbed by a Large Mammal (e.g. Elephant; Rhino) due to being too close or in full contact</li> <li>○ Being bitten or scratched by a Dangerous Animal through bars or over the enclosure (no full body exposure)</li> <li>○ Being mauled, crushed, etc. due to being fully exposed to a dangerous animal (e.g. a person being in an enclosure with a Tiger)</li> </ul> </li> </ul>	<p>4</p>	<p>4</p>	<p><b>16</b></p>	<p><b>Control Measures:</b></p> <ul style="list-style-type: none"> <li>• Clear distinction between animals where contact is permitted (e.g. goats, pigs) and animals where contact is Not permitted (e.g. Lions, chimpanzees)</li> <li>• Students shall always be in the charge of a keeper who is competent and fully aware of the Safe Working Procedures for the animal section being worked in</li> <li>• Students shall always be given adequate information from an experienced keeper regarding the correct behaviours around the animals</li> <li>• No student shall approach or handle any animal / bird unless authorised by the supervising keeper</li> <li>• Animals shall be locked out of bedroom areas during cleaning, as appropriate</li> <li>• Contactable animals all have generally predictable patterns of behaviour and are used to regular contact with people. Students will not be permitted to enter a section where animals are known to be aggressive</li> <li>• Control Procedures are in place to prevent an unauthorised person from accessing dangerous animals. Any entry to a Class 1 animal enclosure shall follow the Animal Lock-Out procedure</li> <li>• Class 1 Animals have a Yellow Line marked around the enclosure – Students shall be informed never to cross this line</li> <li>• All Keepers carry a radio at all times</li> </ul> <p><b>Expected Behaviours:</b></p> <ul style="list-style-type: none"> <li>• Students should not turn their back on larger animals</li> <li>• Students must follow the instructions of keepers at all times</li> <li>• Any bites, scratches, or other injury must be reported immediately</li> </ul>	<p>2</p>	<p>2</p>	<p><b>4</b></p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">[4] Zoonoses &amp; Bacteria</p>	<p><b>Ill health caused by exposure to bacteria, virus, or other agent carried by animals.</b> Notably via:</p> <ul style="list-style-type: none"> <li>❖ E.Coli or similar due to contact with infected material</li> <li>❖ Consumption of food after contact with infected material</li> <li>❖ Infection of a bite or scratch by an animal</li> <li>❖ Soiled dusts being inhaled or touching eyes</li> </ul>	<p>4</p>	<p>3</p>	<p><b>12</b></p>	<p><b>Control Measures:</b></p> <ul style="list-style-type: none"> <li>• Animals are regularly tested for Zoonotics, via faeces sampling</li> <li>• Nitrile Gloves are available &amp; must be worn for cleaning and food preparation duties</li> <li>• Overalls are provided – to be worn for all potentially dirty work</li> <li>• Hand-washing stations &amp; disinfectant gel is available throughout the park</li> <li>• First Aiders are on site to respond to any scratch or bite – any such injured person would be advised to go to hospital and have a tetanus booster as necessary</li> <li>• Any animal involved in a scratch or bite incident shall be monitored via the vet</li> </ul> <p><b>Expected Behaviours:</b></p> <ul style="list-style-type: none"> <li>• Keepers to continually remind students to wash hands prior to work</li> <li>• All students must wash hands regularly - and always before eating or drinking</li> </ul>	<p>2</p>	<p>2</p>	<p><b>4</b></p>

[5] Weather / Temperature	<p><b>Injury caused by exposure to adverse weather conditions.</b>                  Notably via:</p> <ul style="list-style-type: none"> <li>❖ Sunburn due to prolonged exposure while working outside</li> <li>❖ Illness / Discomfort due to exposure to wind, rain, &amp; cold conditions while working outside</li> <li>❖ Being struck by a falling branch / other blown material while working outside in high winds</li> </ul>	4	3	12	<p><b>Control Measures:</b></p> <ul style="list-style-type: none"> <li>• Shaded areas &amp; buildings available for use during warm or cold weather</li> <li>• Access to drinking water around the park</li> <li>• Waterproofs are available for students to use if required</li> </ul> <p><b>Expected Behaviours:</b></p> <ul style="list-style-type: none"> <li>• In adverse weather conditions, keepers shall remove students indoors</li> <li>• Appropriate clothing should be worn / brought to site by students – including appropriate layers for the weather, changes of clothing, &amp; waterproofs</li> <li>• Students should bring sun cream as necessary</li> </ul>	1	2	2
[6] Work at Height	<p><b>Injury caused by a fall from height.</b> Notably via:</p> <ul style="list-style-type: none"> <li>❖ A fall from a fence while stepping / climbing over</li> <li>❖ A fall from a ladder while accessing or carrying out work in animal areas (e.g. entering/exiting the meerkat enclosure; reaching equipment; hanging up food or enrichment materials)</li> <li>❖ A fall due to climbing up or over things without permission (e.g. climbing onto a high shelf; standing on a chair)</li> </ul>	4	3	12	<p><b>Control Measures:</b></p> <ul style="list-style-type: none"> <li>• Suitable Ladders are held by departments, in good condition</li> <li>• Gates into enclosures are available – stepping over fences should be minimal</li> <li>• Work at Height by students will be minimal – e.g. ladders shall only be used for the purposes of hanging food for animals, or entry into sections</li> <li>• Any step or extension ladder use – 2 people must be present, one footing the ladder</li> </ul> <p><b>Expected Behaviours:</b></p> <ul style="list-style-type: none"> <li>• Students should use gates to enter sections, rather than step over fences</li> <li>• Users of ladders to enter the meerkat section must always: check the condition of the ladder is good; check it is sitting securely; check it is held or otherwise unlikely to fall</li> <li>• Students hanging food / enrichment materials shall follow the instructions of the keeper – suitable ladders or steps shall be used and footed by a keeper</li> </ul>	2	2	4
[7] Cuts	<p><b>Cut or puncture injuries during food preparation, or via contact with sharp materials.</b> Notably via:</p> <ul style="list-style-type: none"> <li>❖ Cut to the hand from a kitchen knife during food preparation – particularly where cutting tough foods such as turnip</li> <li>❖ A puncture wound from a protruding nail or rough wood</li> <li>❖ A cut or similar injury while using basic Hand Tools – e.g. Hammer and nail to repair a fence round an animal enclosure</li> </ul>	3	4	12	<p><b>Control Measures:</b></p> <ul style="list-style-type: none"> <li>• All kitchen knives are cleaned regularly, sharpened as necessary, and used on chopping boards – with anti-slip – in a suitable manner</li> <li>• Students shall be briefed on the correct safe use and handling of knives prior to start</li> <li>• Students shall be given the knife of correct size for the food to be cut</li> <li>• Anti-slip mat (e.g. damp cloth) to be placed under chopping board to prevent slipping</li> <li>• Students cutting up animal foods shall be supervised</li> <li>• All knives shall be counted in and out for the task</li> <li>• Fences, gates, etc. are regularly checked for damage or wear</li> <li>• Any job involving use of hand tools shall be minor in nature, closely supervised, and carried out using appropriate tools (e.g. using a drill to screw a sign in place)</li> </ul> <p><b>Expected Behaviours:</b></p> <ul style="list-style-type: none"> <li>• Students should report any problems that may cause a cut or puncture wound – such as protruding nails, broken wood, or similar</li> </ul>	2	2	4

[8] Crush / Entrapment	<p><b>Injury to a person due to being crushed or entrapped.</b> Notably via:</p> <ul style="list-style-type: none"> <li>❖ Crushed between automatically closing gates / doors</li> <li>❖ Crushed due to exposure to an animal – namely a Large Mammal (Rhino or Elephant) crushing a person against a wall</li> </ul>	5	3	12	<p><b>Control Measures:</b></p> <ul style="list-style-type: none"> <li>• Automatic gates/doors fitted with sensors to prevent crush injuries</li> <li>• Routine maintenance / inspection on all auto-closing gates / doors</li> <li>• Procedures are in place to prevent access to dangerous areas around Large mammals</li> <li>• Members of staff equipped with radios &amp; emergency contact phone numbers</li> <li>• Students shall be under supervision of Park Personnel at all times</li> </ul> <p><b>Expected Behaviours:</b></p> <ul style="list-style-type: none"> <li>• Students must follow area rules – i.e. Keep behind marked yellow lines by cages</li> <li>• See <b>[[3] Contact with Animals]</b> above</li> </ul>	5	1	5
[9] Vehicles	<p><b>Injury caused by contact between a student &amp; a moving vehicle.; or Injury caused by a student crashing a park vehicle.</b> Notably via:</p> <ul style="list-style-type: none"> <li>❖ A student being struck by a car, or other public vehicle</li> <li>❖ A student being struck by a park vehicle – e.g. reversing into the yard area; a buggy operating on walkways; a tractor</li> <li>❖ A student driving and crashing a park vehicle – e.g. an electric buggy</li> </ul>	4	3	12	<p><b>Control Measures:</b></p> <ul style="list-style-type: none"> <li>• No student is permitted to operate any park vehicle</li> <li>• Vehicles transporting students shall be in good condition, mechanically sound and driven by a UK driving licence holder</li> <li>• Site Speed Limit of 15mph applies</li> <li>• Park buggies used on walkways are only used outside of visitor hours, unless strictly necessary. Buggies provide a good field of vision</li> </ul> <p><b>Expected Behaviours:</b></p> <ul style="list-style-type: none"> <li>• Keepers using a park vehicle are expected to conform to all BDSP driving standards</li> <li>• Students are expected to keep to walkways and suitable crossing points</li> <li>• Keepers / Supervisors to confirm with management if any unusual vehicle activity is expected in their section while a Safari School is underway</li> </ul>	2	2	4
[10] Unauthorised Access	<p><b>Injury or fatality caused by contact with equipment, materials, or animals not meant to be accessible to students.</b> Notably via:</p> <ul style="list-style-type: none"> <li>❖ A student entering a keeper only area without permission or supervision (e.g. pool area of Sea Lion house; Vehicle yard)</li> <li>❖ A student entering a keeper-only work area, plant room, storage room, etc. (e.g. Electrical substation; Water treatment plant)</li> <li>❖ A student entering an animal enclosure (e.g. Macaque section)</li> </ul>	3	4	12	<p><b>Control Measures:</b></p> <ul style="list-style-type: none"> <li>• Students shall be supervised by competent members of staff</li> <li>• Prominent ‘No Access’ signs on entrances to staff only areas</li> <li>• All doors &amp; gates kept locked when no staff present</li> <li>• Dangerous Animal Sections are always locked</li> </ul> <p><b>Expected Behaviours:</b></p> <ul style="list-style-type: none"> <li>• Students are expected to follow site rules &amp; the rules set down by keepers</li> <li>• Keepers must habitually close and bolt gates and doors</li> </ul>	3	2	6

[11] Chemical Contact	<p><b>Injury to a student due to contact with a Chemical.</b> Notably via:</p> <ul style="list-style-type: none"> <li>❖ A splash of cleaning chemical to the eyes</li> <li>❖ Ingestion of chemicals due to eating, following hand contact</li> <li>❖ Access to animal medicines</li> </ul>	5	3	12	<p><b>Control Measures:</b></p> <ul style="list-style-type: none"> <li>• Students shall be permitted to contact only basic cleaning materials (Low Risk)</li> <li>• Water Treatment Chemicals shall not be contacted by students</li> <li>• Animal Medicines are securely locked</li> </ul> <p><b>Expected Behaviours:</b></p> <ul style="list-style-type: none"> <li>• Students must always wear the PPE provided to them for particular tasks – e.g. Nitrile gloves; dust mask</li> </ul>	5	1	5
[12] Electrical Hazards	<p><b>Injury caused by a failure of or fault with electrical equipment.</b> Notably via:</p> <ul style="list-style-type: none"> <li>❖ Damage to an electrical socket, plug, or other piece of equipment</li> <li>❖ Water ingress to electrical equipment (fixed or portable)</li> <li>❖ Overloading a socket</li> </ul>	5	3	15	<p><b>Control Measures:</b></p> <ul style="list-style-type: none"> <li>• Students are never expected to use Electrical Equipment unless they are clearly shown the correct operation and are closely supervised</li> <li>• Any electrical equipment shall be visually checked prior to use</li> </ul> <p><b>Expected Behaviours:</b></p> <ul style="list-style-type: none"> <li>• All persons should visually check the condition of cables, plugs, sockets, etc. that they are using - Any damaged electrical equipment should not be used</li> <li>• Extension cables must be checked for cuts / damage</li> <li>• No-one should overload a socket (e.g. due to using multiple adapters or multi-points)</li> </ul>	5	1	5
[13] Fire & Emergency	<p><b>Injury to a person due to a Fire or other emergency. Level of injury ranges from minor to fatality, caused by smoke inhalation or burns.</b> Notably via:</p> <ul style="list-style-type: none"> <li>❖ A building fire – Injury caused by lack of, or blocked, escape routes; Inadequate alarm; Inadequate information given</li> <li>❖ An animal escape emergency</li> </ul>	5	3	15	<p><b>Control Measures:</b></p> <ul style="list-style-type: none"> <li>• Students to be briefed on fire evacuation procedures</li> <li>• Students to be briefed on the Site Animal Escape Procedure</li> <li>• Fire Alarms are in place in key buildings on site</li> <li>• Buildings are equipped with Fire Extinguishers – inspected annually</li> </ul> <p><b>Expected Behaviours:</b></p> <ul style="list-style-type: none"> <li>• Smoking is discouraged in any area of the park</li> <li>• The fire exits should never be blocked by equipment or materials</li> <li>• Students must report / raise the alarm for any Fire or other type of Emergency</li> </ul>	5	1	5