



## Risk Assessment – Rocks & Soils

Produced By:	C Nixon	Date of Issue:	11/2/19	Review Date:	1/1/21
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### Operating Notes:

- Supervision ratio is 1 instructor to 1 class plus one additional instructor nearby. There is no requirement for an additional adult.
- Instructor to be trained to in-house syllabus. Refresher training as directed by session observations.

**Risk – Benefit Statement:** The benefits are: hands on knowledge of the texture and make up of soil. Investigating the soil in the setting it has been formed.

Hazard Description and activities giving rise to risk	Who may be harmed	Control Measures	Risk Rating
Bruises Handling larger rock specimens	Participants	<ul style="list-style-type: none"> <li>• Pupils will be told to pass rocks around with great care</li> <li>• Anyone misbehaving will be excluded from the activity</li> </ul>	low
Poisoning	Participants	<ul style="list-style-type: none"> <li>• Pupils will be told to wash hands after they have handled the rock</li> <li>• Pupils may handle the lead but should not put their hands in their mouth afterwards</li> <li>• Ill effects from lead pipes in the past will be explained</li> </ul>	low
Slips, trips, falls. Public & dogs <b>Walking on the reserve</b>	Participants	<ul style="list-style-type: none"> <li>• Instructor leads the way, pupils walk behind, with member of staff at end of line</li> <li>• Pupils told not to talk to public</li> </ul>	low

Risk Matrix	Slightly Harmful	Harmful	Extremely Harmful
Unlikely	Low	Low	Medium
Likely	Low	Medium	High
Highly likely	Medium	High	High



		<ul style="list-style-type: none"> <li>● Pupils told not to stroke dogs, we stand still &amp; wait for owner to put dog on lead</li> <li>● Pupils warned of hazards such as brambles, roots, uneven or slippery ground, rabbit holes and steep hills.</li> </ul>	
Getting Lost <b>Activities on the reserve</b>	Participants	<ul style="list-style-type: none"> <li>● Groups of pupils assigned an adult to stay in sight of at all times</li> <li>● Boundaries will be made clear</li> </ul>	low
Soil borne diseases <b>Handling soil</b>	Participants	<ul style="list-style-type: none"> <li>● The dirty hands test is done at the end of the session, near to the centre so pupils can go and wash their hands with warm soapy water</li> <li>● Pupils are reminded not to put fingers in their mouths</li> </ul>	low
Road Accident <b>Crossing the haul road</b>	All	<ul style="list-style-type: none"> <li>● Only one of our orienteering courses require pupils to cross the haul road; this is under full supervision on the way to the activity</li> <li>● The haul road is used by sand lorries and heavy plant machinery going to the working sand quarry. Instructors will stop pupils at a safe distance before the road. Listen and look for vehicles and escort pupils across whilst standing themselves in the middle of the road. High vis tabards are available on request.</li> <li>● Instructors will use the safe crossing places</li> <li>● Although traffic is infrequent on this road it is big and in dry weather creates a cloud of dust so stand well back from any traffic</li> </ul>	low
<b>First Aid emergencies</b>		<ul style="list-style-type: none"> <li>● Take first aid kit</li> <li>● Take radio</li> <li>● Take whistle and tell pupils what it is for</li> </ul>	

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<b>Weather Conditions</b>		<ul style="list-style-type: none"><li>• The lead instructor will review the risk assessment in view of the weather on the day.</li><li>• The instructor will amend activity if ongoing changing weather conditions effect risks</li></ul>	
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