**Arbeia, South Shields’ Roman Fort**

**Hazard Identification**

Updated March 2019

Please note:

* This document highlights the potential hazards on site and is **not** a risk assessment. The group leader should carry out a full risk assessment.
* Tyne & Wear Archives & Museums highly recommends that group leaders conduct preliminary visits. You are welcome to visit the site to make your own assessment. Please check the Arbeia website for opening times or call 0191 2115599 to make an appointment and speak with the learning team.
* This Hazard Identification highlights the everyday risks that groups may incur. Please telephone Arbeia on 0191 277 1410 to enquire about any possible maintenance or building work taking place.
* Group leaders should take the behaviour and ability of their group into consideration when compiling a risk assessment.
* It is the responsibility of the group leader to monitor the behaviour and safety of their group.
* The school or group is to allocate their first aider
* In the case of an accident or emergency please contact a member of staff.

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| **Hazard identification** | **Risk and to whom** | **Existing control measures set up by Tyne & Wear Archives & Museums** | **Suggested action to be taken by the school / group leader (add own comments)** |
| Fire and Electricity (throughout fort site, reconstructions, museum and school building) | All:   * Fire * Electrocution | * Alarms * Fire extinguishers * Break glass buttons * Daily checks carried out by site staff | * All groups must sign in at reception * On arrival, group leaders to enquire about fire evacuation points * Do not attempt to use any faulty interactive displays / equipment |
| Throughout reconstructions, museum and school building:   * Trip / collision hazards * Stairways / steps * Uneven ground * Loose stones * Slippery surfaces e.g. wet stone / grass * Hard surfaces | All:   * trips / slips / falls / collisions | * Sign on shop door * Steps inside West Gate have painted edge | * Do not run * School responsible for pupils’ clothing, footwear and sun cream * Do not walk on excavations / excavated walls |
| Doorways / displays (throughout fort, reconstructions, museum and school building) | All:   * Slips, trips and falls / collisions * Trapped fingers / hands | * Glass door into museum distinguishable (designs on door) | * Adult supervision * Do not run |
| Climbing on walls / ramps / slopes or stones | * All: falling, grazing skin on stone artefacts | * Any current hazardous excavation areas clearly marked, barriered and gated off. * Paths clearly identified * CCTV cameras | * Do not climb on anything on site. * Adult supervision |
| Road directly outside site | Children wandering off  All: Road accidents | * Railings around the site * Coach parking directly outside Arbeia | * School responsible for guiding children onto site. |
| Museum building | All:   * Grazing skin on stone artefacts * Bumping into museum cabinets | * CCTV cameras * Daily checks carried out by site staff | * School responsible for children’s behaviour. * Report any faulty looking interactive displays or equipment to staff. * Not to touch the objects on open display |
| On the Fort site   * Excavations in progress * Exposed to weather * Earth works near West Gate * Uneven excavated site with loose stones and chippings. * Slippery and uneven steps (e.g. into Strong Room) * Sharp edges * Diches and banks * Herb garden | All:   * Children wandering off * Drowning (collected rain water in excavations. * Tripping and falling on uneven excavated site * Injury from lose stones if used as weapons * Allergic reaction to plants * Scratches from plants | * Exit and entrance points limited and the Fort Site fenced off from general public area. * Daily checks carried out by site staff * Dangerous and excavation areas clearly marked, barriered and gated off. * Paths clearly identified * CCTV cameras * Signs advise visitors that plants can cause allergic reactions and that they should not eat the plants * Signs notify visitors of the plants in each bed * Tools stored away | * School responsible for head counts and behaviour * Children advised not to throw stones, climb or run. * School responsible for pupils’ clothing, footwear and sun cream * Do not walk in-between barracks and Commanding Officer’s house * Do not walk on excavations / excavated walls * Report faulty looking interactive displays and equipment * Don’t touch or eat the plants * Avoid entering ‘staff only’ areas (please refer to the notes at the end of this document) |
| TimeQuest Gallery | All:   * Rubber granule (granule in eyes, and allergies) * Dirt and dust from working on excavation platform and handling artefacts * Artefacts dropped on to legs and feet / trapping fingers * Grazing fingers and hands while digging | * Daily checks carried out by site staff * Instructions on safe use given by museum staff (in facilitated sessions) * Rubber/synthetic sand used to minimise dust. * Dust masks provided for visitors with breathing problems - please advise prior to your visit if required. * Toilet / sinks provided (located either side of museum building) * Use of plastic trowels for digging | * Ensure any information regarding children with breathing problems / allergies is passed to the museum staff prior to your visit * Adult supervision to ensure, no climbing on metal fence   or throwing of objects or rubber granules.   * Wash hands after leaving the TimeQuest gallery * School to allocate first aider |
| Reconstructed buildings:   * West Gate -open tenements on top of West Gate * Barrack * Commanding Officer’s House * All of the above are reconstructions that were constructed using ancient building techniques which means they are more fragile and for example the plaster may fall off. | All:   * Vertigo on open tenements on top of West Gate * Overcrowding in small rooms * Scratches from wattle and daub * Splinters * Birds / nests / excrement | * + Daily checks carried out by site staff   + Any hazardous areas clearly roped off   + Pathways kept clear   + Hand washing facilities are provided in the toilets (either side of the museum)   + CCTV cameras in the West Gate | * + School staff responsible for head counts and flow of children past displays.   + School to allocate first aider   + Children advised **not** to run on site, climb ladders up onto bunk beds, eat replica foodstuffs or lean against painted walls.   + Stay within barriers   + Avoid West Gate roof in high winds / icy conditions |
| Museum Shop | All   * Collisions. | * + Number of children in shop area limited   + Site staff awareness | * + Group to timetable use of the shop during their visit (where applicable)   + Children not to play with shop items |
| Learning Room (in school building) | All:   * Slips and falls, knocks from collisions. * Knocks or injury from weight of replica objects. * Use of craft tools and materials, e.g. (scissors and glue) * Cleaning products * Hot water from tap. | * + Daily checks carried out by site staff * Teachers and children advised how to handle objects safely.   + Sink / soap / paper towels available   + Scissors and sharp objects locked away when not in use.   + Cleaning products stored away out of children’s reach | * + Adult supervision at all times |