

Risk assessment for school visits to the London Museum of Water Steam
Reviewed: June 2017

Risk by museum area	Controls	Remaining risk
Museum Car Park		
Injury from moving vehicles entering and leaving the museum whilst children move through the car park at the start	School pupils to be warned by their teachers about cars in the car park before entering so that they are using road safety strategies: looking & listening. Museum staff and school staff to supervise pupils closely	Low
Around whole museum		
The museum is housed in a listed heritage building with working steam engines so a sensible and appropriate approach needs to be taken to moving around the site	This generic risk assessment given to teachers ahead of their visit. Health and safety briefing given by museum Education team at the start of each school visit to include all key points below.	Low
Fire, boiler explosion or steam leak	Boiler and engines maintained to meet health and safety standards Clearly marked Fire Exits to be used to leave the building in case of emergency evacuation Evacuation map emailed to all teachers ahead of their visit Evacuation plans visible on site in key locations	
There are occasionally leaky roof tiles that lead to wet patches on the floors	Museum to put out yellow slip hazard notices where there is an area of wet floor Pupils to walk (no running) sensibly around the site under adult supervision and avoid wet patches on floor	Low
Slips, trips and falls owing to uneven surfaces and stairs	School pupils to walk (no running) sensibly around the site under adult supervision	Low
Entrance, shop & café		
General visitors carrying hot drinks and food - risk of scalding if children bump into these visitors	Pupils to be warned about this risk before entering by teachers	Low
Falling down well next to main entrance	Museum staff and school staff to supervise pupils closely Pupils to stay away from this well Safety grille in place	Low Low Low

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Injury as a result of bumping into objects on walls in café	Pupils to be told to walk clear of objects mounted on walls.	Low
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Steam Hall & Gallery

Injury from moving and hot engine parts if engines running	Pupils to be warned to keep behind safety barriers	Low
	Museum staff and school staff to supervise pupils closely	

Maudslay Engine House

Injury from moving and hot engine parts if engines running	Pupils to be warned to keep behind safety barriers	Low
	Museum staff and school staff to supervise pupils closely	Low

Boulton & Watt Engine House

Injury from moving and hot engine parts if engines running	Pupils to be warned to keep behind safety barriers	Low
	Museum staff and school staff to supervise pupils closely	Low

90" and 100" Engine Houses

Injury from moving and hot engine parts if engines running	Pupils to be warned to keep behind safety barriers	Low
	Museum staff and school staff to supervise pupils closely	Low

Waterworks

Injury from moving parts in water pumps	Pupils to be told to operate pumps with care and according to instructions	Low
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Splash Zone

Injury from moving parts in water pumps	Pupils to be told to operate pumps with care and according to instructions	Low
Illness caused by drinking water from exhibits	Pupils to be told not to drink the water	Low
	Water monitored regularly for harmful bacteria.	Low
Colds and other illnesses caused by wet skin, hair and clothing if weather cool	Waterproof ponchos and towels (supplied by museum) to be used	Low
Risk of slipping in water puddles	Pupils to be warned about risk of slipping and asked to walk sensibly	Low

Locomotive

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Slips, trips and falls on platform, especially if wet	Pupils to walk and move with care	Low
Gap between platform and locomotive	Pupils to take care when boarding the train and watch the gap	
Falling from platform onto track	Locomotive will be at platform before pupils are allowed through the gate until this is the case	None
Risk from engine when boarding	Pupils will board from the non-locomotive end	Low
Risk of injury when opening and closing carriage doors	Pupils to be warned to open and close doors sensibly	Low
Injury whilst the locomotive is moving	Safety briefing from driver before boarding train including the need to sit still on the seat and keep arms inside the carriage. Adult supervision from teachers - minimum three teacher ride for each journey. Maximum speed of 4-5 mph. Drop to ground is very low. Carriages are fitted with roofs to eliminate risk of sparks and soot injuring eyes.	Low

School sessions

Risks associated with individual sessions	Additional risk assessments to be emailed to teachers where necessary	Low
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