

Risk Assessment for: 1842 Collieries Act			
Start date	25/07/2023	End date	25/07/2026
Contact	Simon Woolley		
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Location	1820s Waggonway, Eston Church and Pockerley Old Hall		
Description	School children to do learning activity, starting and finishing at the Pockerley Tram Stop visiting the Waggonway, Gin Pit, Eston Church and Pockerley Old Hall		

Steam Locomotive From Register: 'Learning Risk Register'

Hazard:	Steam Locomotive			
	Rating Before Control Measures:		Rating After Control Measures:	
	12		4	
	Risk Level	4 = Very high - Fatality, multiple serious injuries	Risk Level	4 = Very high - Fatality, multiple serious injuries
Likelihood	3 - Possible	Likelihood	1 - Very Unlikely	

Description	Taking children to view and experience the steam engine
Who is harmed and how	Children, Museum staff and visitors. run over by steam engine, oil and dirt causing illness, hurt by items in the Waggonway
Current Controls (Steam Locomotive)	Separation of Steam Engine from the group with barriers. Group supervised by Museum and school staff. Monitor behaviour and ensure safe distance is maintained.
Additional Controls (Steam Locomotive)	Children not left unattended. Unsafe items are inaccessible to the children. staff to keep children away from dirt, ensure children wash their hands before eating.

Building Fire From Register: 'Learning Risk Register'

Hazard:	Building Fire			
	Rating Before Control Measures:		Rating After Control Measures:	
	15		5	
	Risk Level	5 = Severe - Multiple Fatalities	Risk Level	5 = Severe - Multiple Fatalities
Likelihood	3 - Possible	Likelihood	1 - Very Unlikely	

Description	Fire in building.
Who is harmed and how	Children, supervising staff and museum staff get burns and smoke inhalation
Current Controls (Building Fire)	Fire exits kept clear a all times. In the event of fire Museum staff to evacuate building to muster area.
Additional Controls (Building Fire)	

Coal fire From Register: 'Learning Risk Register'

Hazard:	Coal fire			
	Rating Before Control Measures:		Rating After Control Measures:	
	10		5	
	Risk Level	5 = Severe - Multiple Fatalities	Risk Level	5 = Severe - Multiple Fatalities
Likelihood	2 - Unlikely	Likelihood	1 - Very Unlikely	

Description	Burns from fire and equipment next to fire. Smoke inhalation. Asthma attack from inhaling smoke and dust.
Who is harmed and how	Staff and children
Current Controls (Coal fire)	Guards to be kept on fire and group will be warned not to stand too close to it. Fire tools to be kept safely away from the children. Fires not lit where children will be very close to it during activity. Fire exits to be kept clear. Evacuation procedure adhered to. Candles and matches kept out of reach of children. Ventilation of room if it becomes smoky or goes outside. Only staff do toasting. Radiators kept out of the way of the children.
Additional Controls (Coal fire)	

Weather From Register: 'Learning Risk Register'

Hazard:	Weather			
	Rating Before Control Measures:		Rating After Control Measures:	
	9		3	
	Risk Level	3 = High - Permanent Disability or Major Injury	Risk Level	3 = High - Permanent Disability or Major Injury
	Likelihood	3 - Possible	Likelihood	1 - Very Unlikely

Description	Adverse weather conditions during the running of the activity
Who is harmed and how	Children, school staff, visitors and Museum staff falling on ice or snow, exposed to extreme cold.
Current Controls (Weather)	Staff to monitor conditions and adapt delivery accordingly. Staff to grit and clear pavements if necessary.
Additional Controls (Weather)	staff to follow evacuation procedure if directed. Suitable shoes and clothing to be worn by students. Fires lit and heating on as appropriate.

Slip or Trip Hazard From Register: 'Learning Risk Register'

Hazard:	Slip or Trip Hazard			
	Rating Before Control Measures:		Rating After Control Measures:	
	9		6	
	Risk Level	3 = High - Permanent Disability or Major Injury	Risk Level	3 = High - Permanent Disability or Major Injury
	Likelihood	3 - Possible	Likelihood	2 - Unlikely

Description	In interior buildings during activities for school groups. Children fall in dim lighting, over dark furniture, when climbing, over wobbly furniture, on stairs and over other hazards.
Who is harmed and how	Staff and children
Current Controls (Slip or Trip Hazard)	Effective briefing and instructions given, emphasising potential risks. Pre organise furniture, rugs and equipment to minimise risks. Monitor. Children are told not to climb on anything. Staff ensure furniture is secure. Monitor children when using the stairs.
Additional Controls (Slip or Trip Hazard)	

Moving Rail Vehicles From Register: 'Learning Risk Register'

Hazard:	Moving Rail Vehicles			
	Rating Before Control Measures:		Rating After Control Measures:	
	10		5	
	Risk Level	5 = Severe - Multiple Fatalities	Risk Level	5 = Severe - Multiple Fatalities



Likelihood

2 - Unlikely

Likelihood

1 - Very Unlikely

Description	Visitors hit my moving vehicles
Who is harmed and how	Children and staff taking part on the activity hit by moving vehicle
Current Controls (Moving Rail Vehicles)	Museum staff in charge of vehicles to be trained accordingly.
Additional Controls (Moving Rail Vehicles)	Museum presenter of activity to brief groups about the possibility of vehicles passing through the area where they will be before they leave the introduction session of the activity. Students supervised by school staff at all times.

Mismanaging children during activities

From Register: 'Learning Risk Register'

Hazard:	Mismanaging children during activities			
	Rating Before Control Measures:		Rating After Control Measures:	
	6		2	
	Risk Level	2 = Medium - Temporary Disability or Illness	Risk Level	2 = Medium - Temporary Disability or Illness
	Likelihood	3 - Possible	Likelihood	1 - Very Unlikely

Description	Children pushing one another after no and/or poor instructions given
Who is harmed and how	Children bumps and bruises
Current Controls (Mismanaging children during activities)	Beamish Staff manage children effectively giving clear and concise instructions at all times
Additional Controls (Mismanaging children during activities)	Children made to line up, take it in turns, go in lines, maintain a calm atmosphere, ensure all children can hear instructions given, ask supervising teachers to help.

Emotional Upset

From Register: 'Learning Risk Register'

Hazard:	Emotional Upset			
	Rating Before Control Measures:		Rating After Control Measures:	
	4		1	
	Risk Level	1 = Low - Minor Injury	Risk Level	1 = Low - Minor Injury
	Likelihood	4 - Likely	Likelihood	1 - Very Unlikely

Description	Children get emotionally affected by the experience offered.
Who is harmed and how	Children - emotionally affected by experience.
Current Controls (Emotional Upset)	Museum staff are careful to explain at the beginning of any session what will be involved and how the children might be affected. They will need to explain how they are pretending to be the characters from the past.
Additional Controls	Museum staff will need to move from 3rd person delivery to 1st person delivery through the introduction and not be in 1st person delivery from the offset. accompanying staff will be encouraged to monitor their individual children as

(Emotional Upset)	the session progresses.
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Safeguarding From Register: 'Learning Risk Register'

Hazard:	Safeguarding					
	Rating Before Control Measures:		6	Rating After Control Measures:		3
	Risk Level	3 = High - Permanent Disability or Major Injury		Risk Level	3 = High - Permanent Disability or Major Injury	
	Likelihood	2 - Unlikely		Likelihood	1 - Very Unlikely	

Description	Inappropriate conduct between children and other visitors or children and staff
Who is harmed and how	Children being exposed to inappropriate behaviour be other visitors or staff
Current Controls (Safeguarding)	Students to stay in Town Area, to keep in their groups and not split up. Accompanying staff to supervise groups as closely as possible. Leading staff member to be DBS checked.
Additional Controls (Safeguarding)	Additional support from schools with younger children - 1 adult with each group. Children to be grouped according to the numbers of supporting adults available. Discussion with lead teacher before the groups are sent off. Training delivered to all Beamish Staff concerning safeguarding.

