

RISK ASSESSMENT

A broad overview risk assessment to assist in the planning and preparation for your visit. We recommend that you carry out your own personalised risk assessment based on your own pupils needs. Please contact education@titanicbelfast.com if you would like to arrange a visit to complete your own risk assessment.

Area of Risk	Hazard type	S	L	SxL	Consequences	Safeguards	Responsibility
COACH ARRIVAL							
DISSEMBARKING	Slip, trip and fall	2	2	4	Minor injury	Teachers supervise disembarkation onto footpath (not road).	Teachers
PLAZA	Slip, trip and fall	2	2	4	Minor injury	Briefing regarding not running.	Teachers
PLAZA WATER FEATURES	Slip, trip and fall	2	2	4	Minor injury	Rumble strip in place and briefing regarding not running.	Teachers and Facilities team
INCORRECT DROP OFF	Traffic	4	3	12	Injury - fatality	Ensure coach drop off is clear for education groups. Students should only disembark when the bus has stopped in the dedicated drop off zone. Groups are not permitted to walk across the road or coach park.	Teachers, Security and VE Crew
ON FOOT ARRIVAL							
ROAD CROSSING	Traffic	4	3	12	Injury - fatality	Teachers supervise pupils crossing at the pedestrian crossing.	Teachers
PLAZA	Slip, trip and fall	2	2	4	Minor injury	Briefing regarding not running.	Teachers
PLAZA WATER FEATURES	Slip, trip and fall	2	2	4	Minor injury	Rumble strip in place and briefing regarding not running.	Teachers and Facilities team
ATRIUM							
GENERAL	Slip, trip and fall	2	2	4	Minor injury	Briefing regarding not running.	Teachers and VE Crew
DOORS	Entrapment, crushing	4	1	4	Minor injury	Automatic doors are all interlocked to local motion sensors. All doors checked on a daily basis and a thorough inspection completed on a 6 monthly basis.	Security and Facilities team
ESCALATORS	Trip and fall, entrapment	2	3	6	Minor injury	Teachers supervise students at all times. Briefing regarding safe escalator use. Titanic Belfast staff trained in escalator emergency stop procedure. Escalators inspected on a daily basis and a thorough inspection completed on a bi-monthly basis.	Teachers, VE Crew, Security and Facilities Team.
STAIRWAYS	Slip, trip and fall. Collision with other guests.	2	2	4	Minor injury	Briefing regarding not running and staying with their teacher.	Teachers and VE Crew
LIFTS	Entrapment, crushing	4	1	4	Minor injury	Lifts are all fitted with local motion sensors. A thorough inspection is completed on each lift on a bi-monthly basis.	Security and Facilities team

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BATHROOMS							
GENERAL	Slip, trip and fall	2	2	4	Minor injury	Briefing regarding not running.	Teachers and VE Crew
	Safeguarding	4	3	12	Stranger danger	Compulsory adult to child ratios. Teachers supervise students at all times whilst using bathrooms.	Teachers
CAR PARK (ACCESSIBLE FROM LEVEL -1 BATHROOMS)	Traffic accident	4	3	12	Injury - fatality	Teachers supervise students at all times.	Teachers
GALLERIES 1 AND 3-10							
AV DISPLAYS	Flashing images	2	4	8	Injury if epileptic fit is induced	Teachers to be aware of risk prior to visit and should make decision in partnership with parents of any affected pupil.	Learning Officers, Teachers and Parents
RIPPLE VISUAL EFFECT	Visual	1	3	3	Injury if vertigo is induced	Teachers to be aware of risk prior to visit and should make decision in partnership with parents of any affected pupil.	Learning Officers, Teachers and Parents
STAIRWAYS	Slip, trip and fall	2	2	4	Minor injury	Briefing regarding not running.	Teachers and VE Crew
	Collision with other guests	2	2	4	Minor injury	Briefing regarding not running and staying with their teacher.	Teachers and VE Crew
GENERAL	Slip, trip and fall	2	3	6	Minor injury	Briefing regarding not running.	Teachers and VE Crew
	Collision with other guests	2	3	6	Minor injury	Briefing regarding not running.	Teachers and VE Crew
	Collision with furniture and set dressing	2	3	6	Minor injury	Briefing regarding not running.	Teachers and VE Crew
	Crowds, confined spaces	2	4	8	Crush, panic, overheating	Staggered gallery entry. VE Crew to manage queues and communicate with other staff. Air conditioning system in use throughout the galleries. Staff to facilitate teacher and pupil/s gallery exit if required.	Teachers, VE Crew and Facilities Team.
	Safeguarding	4	3	12	Stranger danger	Compulsory adult to child ratios. Teachers supervise students at all times.	Teachers
EVACUATION	Fire, crush, panic, slip, trip and fall	4	2	8	Minor injury - fatality	Titanic Belfast Crew familiar with all SOPs and evacuation procedures. Teachers supervise students at all times and follow staff instructions in the event of an evacuation.	Teachers and Titanic Belfast Crew.

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GANTRY LIFTS							
	Queuing/crowds	2	4	8	Panic, crush	Staggered gallery entry, VE Crew to manage queues and communicate with other staff.	Teachers and VE Crew
	Fear of lifts	2	2	4	Panic	School guests with a fear of lifts can access level 4 by way of the emergency stairway but should be aware that they will be climbing 6 flights of stairs.	Teachers and VE Crew
	Fear of heights	2	3	6	Panic	School guests with a fear of heights but not lifts can access level 4 by way of the scenic lifts under staff supervision and then be led through Gallery 3 to the Shipyard Ride.	Teachers and VE Crew
	Entrapment, crushing	4	1	4	Minor injury	Lifts are all fitted with local motion sensors. A thorough inspection is completed on each lift on a bi-monthly basis.	Security and Facilities team

SHIPYARD RIDE - LOADING/UNLOADING							
	Crush, collision	2	1	2	Minor injury	Staff loading and unloading will all be trained in safety procedures specific to load/unload of Shipyard Ride. Pupils and teachers to follow staff instructions.	Teachers and VE Crew
	Strobe lighting	2	4	8	Epilepsy	Teachers to be aware of risk prior to visit and should make decision in partnership with parents of any affected pupil.	Teachers and VE Crew
	Trip, fall	1	2	2	Minor injury	Briefing regarding not running. VE Crew will be aware of housekeeping issues and report anything requiring attention.	Teachers and VE Crew
	Safeguarding	4	3	12	Stranger danger	Teachers supervise students at all times. VE Crew to manage education group access to the ride; members of the public are not permitted to share the same seat as education group visitors. One teacher is directed to the first car and one teacher must join the last car. CCTV monitoring by control room guard.	Teachers, VE Crew and Security Team.

SHIPYARD RIDE							
	Horseplay	3	4	12	Minor injury	Briefing pertaining to behaviour on the Shipyard Ride. VE Crew to give reminders at appropriate times. CCTV monitoring by control room guard and also VE Crew in level 3 with tannoy to alert dangers and control issues.	Teachers, VE Crew, Security and Facilities Team
	Shear or ripping hazards when limbs outside car	4	3	12	Minor injury	Briefing pertaining to behaviour on the Shipyard Ride. VE Crew to give reminders at appropriate times. cars have high sides and lap bars, not for dynamic forces, but to preclude passengers reaching out of car. CCTV is in place which will be monitored by VE Crew, who can announce poor or unsafe behaviour over tannoy.	Teachers, VE Crew, Security and Facilities Team
	Falls or objects dropped by guests	2	4	8	Minor injury	Food and drinks prohibited on ride and ride monitored by CCTV.	Teachers, VE Crew, Security and Facilities Team

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PLAZA AND SLIPWAYS							
PLAZA	Slip, trip and fall	2	2	4	Minor injury	Briefing regarding not running.	Teachers and VE Crew
PLAZA WATER FEATURES	Slip, trip and fall	2	2	4	Minor injury	Rumble strip in place and briefing regarding not running.	Teachers, VE Crew and Facilities Team
PROXIMITY TO ROADWAYS	Traffic	4	3	12	Injury - fatality	Teachers supervise students at all times.	Teachers
STEPS	Slip, trip and fall	2	2	4	Minor injury	Briefing regarding not running.	Teachers and VE Crew
SLIPWAYS	Slip, trip and fall	2	2	4	Minor injury	Briefing regarding not running.	Teachers and VE Crew
SLIPWAY MEMORIALS	Slip, trip and fall	3	3	9	Minor injury	Briefing regarding not running.	Teachers and VE Crew
	Collision	3	2	6	Minor injury	Briefing regarding not running.	Teachers and VE Crew
RIVER LAGAN	Drowning	4	2	8	Minor injury - fatality	Teachers supervise students at all times.	Teachers

MOVEMENT BETWEEN TITANIC BELFAST AND SS NOMADIC							
WEATHER CONDITIONS	Slip, trip and fall	3	2	6	Minor injury	Teachers supervise students at all times.	Teachers
ROAD CROSSING	Traffic	3	3	9	Injury - fatality	Teachers supervise students at all times and use the appropriate crossing point correctly.	Teachers
PLAZA WATER FEATURES	Slip, trip and fall	3	2	6	Minor injury	Teachers supervise students at all times.	Teachers
LAGAN RIVER	Potential drowning	3	3	9	Minor injury - fatality	Teachers supervise students at all times.	Teachers
HAMILTON DOCK	Slip, trip and fall, fall from height	3	3	9	Minor injury - fatality	Teachers supervise students at all times. Briefing regarding no running. Metal safety rail in place around Hamilton Dock.	Teachers, VE Crew and Facilities Team

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SS NOMADIC							
GANGWAY	Slip, trip and fall, fall from height	3	3	9	Minor injury - fatality	Teachers supervise students at all times. Covered walkway in place providing access from Hamilton Dock to SS Nomadic. SS Nomadic Crew ensure entrance/exit is free from obstructions or hazards.	Teachers and SS Nomadic Crew
STAIRWAYS	Slip, trip and fall	2	2	4	Minor injury	Briefing regarding not running.	Teachers and SS Nomadic Crew
LIFTS	Entrapment, crushing	4	1	4	Minor injury	Lifts are all fitted with local motion sensors. A thorough inspection is completed on each lift on a bi-monthly basis.	Security and Facilities team
AV DISPLAYS	Flashing images	2	4	8	Injury if epileptic fit is induced	Teachers to be aware of risk prior to visit and should make decision in partnership with parents of any affected pupil.	Learning Officers, Teachers and Parents
EXTERNAL DECKING	Slip, trip and fall, fall from height	3	3	9	Minor injury - fatality	Teachers supervise students at all times. Raised bulkhead or railing in place throughout. External decks closed to the public during periods of extreme weather.	Teachers and SS Nomadic Crew
GENERAL	Slip, trip and fall	2	3	6	Minor injury	Briefing regarding not running.	Teachers and VE Crew
	Safeguarding	4	3	12	Stranger danger	Compulsory adult to child ratios. Teachers supervise students at all times.	Teachers
LUNCH IN THE ENGINE ROOM							
STAIRWAYS	Slip, trip and fall	2	3	6	Injury	Teachers supervise students at all times.	Teachers
FURNITURE	Misuse of furniture	2	3	6	Injury	Teachers supervise students at all times.	Teachers
FOOD	Microorganisms	2	2	4	Infection from food remnants	Ensure Engine Room is cleaned regularly and promptly after use as a lunch space. Ensure adequate supply of suitable refuse bags is left for education groups to use.	Teachers, Nomadic Crew and House-keeping Team.
EVACUATION	Crush injuries, slip, trip and fall	2	3	6	Minor injury	SS Nomadic Crew to be familiar with all relevant SOPs. Teachers supervise students at all times and follow instructions of Crew exactly.	Teachers and SS Nomadic Crew
LUNCH IN THE EDUCATION SUITE							
FURNITURE	Misuse of furniture	2	3	6	Injury	Teachers supervise students at all times.	Teachers
FOOD	Microorganisms	2	2	4	Infection from food remnants	Ensure Education Suite is cleaned regularly and promptly after use as a lunch space. Ensure adequate supply of suitable refuse bags is left for education groups to use.	Teachers, Titanic Belfast Crew and Housekeeping Team.
EVACUATION	Crush injuries, slip, trip and fall	2	3	6	Minor injury	Titanic Belfast Crew to be familiar with all relevant SOPs. Teachers supervise students at all times and follow instructions of crew exactly.	Teachers and Titanic Belfast Crew

EACH EDUCATION WORKSHOP AT TITANIC BELFAST HAS ITS OWN RISK ASSESSMENT.
THESE ARE AVAILABLE ON REQUEST FROM EDUCATION@TITANICBELFAST.COM