

RISK ASSESSMENT RECORD HS2.28



WORK AREA/ WORK ACTIVITY COVERED BY ASSESSMENT: **Dinosaur Isle – school field trip to Ventnor coast defences.**

RA NO: DRA6

PEOPLE AFFECTED: EMPLOYEES: N CONTRACTORS: N VISITORS: Y MEMBERS OF PUBLIC: Y OTHER: School staff and children, volunteers and work experience students.

ASSESSOR'S NAME: Trevor Price

DESIGNATION: Community Learning Officer

ASSESSMENT DATE: 7th March 2019, version 5

REVIEW DATE: March 2021

ITEM NO	HAZARD IDENTIFIED	POTENTIAL OUTCOME FROM HAZARD	EXISTING CONTROL MEASURES	FURTHER CONTROL MEASURES REQUIRED	ALLOCATED TO?	TARGET DATE	COMPLETED
1	Proximity to sea.	Getting washed away or drowning.	Only visit during suitable weather. Instruct group to avoid the sea and sea-wall edge. Pupils should keep away from unguarded edges of the sea-wall. Teachers should headcount at the start and end of the trip.				
2	Flotsam and jetsam.	Poisoning, explosion, laceration.	Children must alert an adult if they see any suspicious objects or containers.				

3	Large rocks.	Dropping rocks on toes, tripping over rocks.	Prevent adults and children lifting heavy rocks, Tell children not to run, and to watch where they walk. After storms of 2014 washed away some of the protective shingle at Monk's Bay it is not advisable for children to stand on the bank, or collect rocks due to the problems of destabilising what little is left .				
4	Traffic.	Being hit by cars, vans, or boats moving along the sea-wall on trailers, or in the carpark.	Keep to the pavement in the carpark. Walk as a group in single file. Vehicle movement along the sea-wall is rare, and usually visible. Move into a protected area when traffic approaches.				
5	Dog faeces.	Transfer of pathogens to children.	Warn group to watch out for it. Wash hands after beach visit if required.				
6	Strong sun.	Getting dehydrated and sun-burnt.	Teachers must ensure their group has water, and are wearing suitable clothing, caps and sun block if necessary.				
7	Heavy rain.	Getting wet and cold.	Teachers must ensure the group has warm waterproof clothing. School trips will not run in heavy rain or gale –force conditions.				

8	Steep steps.	Falls caused on steep pathways.	Care must be taken, use handrails where provided.				
9	Oil on beach or wall.	Ingestion, skin irritant.	Pupils should be warned not to touch it, or pick up stained objects.				
10	Sea-wall – general slips, trips and falls.	Slipping on wet or muddy surfaces, falling over the edge of the sea-wall onto rocks or concrete platforms.	The beach is a public area and falls can only be avoided by supervision and care. Part of the sea-wall is unguarded, although the harbour is surrounded by walls and railings. Children should be told not to run, and to keep on the landward side of the sea-wall road. Use ramps wherever possible. The surface is generally concrete or tarmac.				
11	Falling rocks.	Being hit by an unexpected rock, or caught in a rock fall from the cliff.	Pupils must keep on the sea-ward side of any barrier.				
12	Public toilets.	Getting lost or being abducted.	Public toilets are available at the western end of the sea-wall in Ventnor harbour, and at the eastern end near Monks Bay when open. Teachers should supervise use.				

13	Plants.	Cuts, stings, grazes, tears in clothing, adverse reactions.	Keep away from any brambles, holly, nettles and any unknown plants.				
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REMEMBER! *THE EXISTING CONTROL MEASURES ARE WHAT YOU ARE DOING NOW. FURTHER CONTROL MEASURES ARE WHAT YOU NEED TO DO TO ACHIEVE AN ACCEPTABLE LEVEL OF SAFETY. RISK ASSESSMENT IS A CONTINUOUS PROCESS, ANY SIGNIFICANT CHANGE WILL REQUIRE RE-ASSESSMENT

Site information:

Site name: Ventnor coastal defences. “Investigating Coasts”

Location: Sea-wall and cliffs from Ventnor towards Monks Bay. South-east point of the Isle of Wight. Grid Ref: SZ 565773 - 577778

Amenities: Toilets are located at the western end of the site, at the eastern end of the Esplanade. There is no guarantee the toilets will be open, pupils should take the opportunity to use the facilities at Dinosaur Isle prior to leaving for the site. A further small toilet block is available at Monks Bay at the furthest end of the walk, it is usually open but is volunteer run by the local community.

Access: Parties may be dropped off in Dudley Road. The sea-wall is reached via footpaths and road. Coaches may park nearby in the Dudley Road car park. There may be a parking charge.

Description: The site consists of a section of sea-wall protecting a soft sedimentary cliff from erosion. Behind the cliff the area is densely packed with housing, and shops, which are built on an ancient, but still active, land slip complex. The shore is exposed to strong waves and storms that cross the Channel, often originating from the Atlantic Ocean. A variety of techniques have been used to stabilize the cliffs and to protect the shoreline.

Geological Interest: Cretaceous marine sediments comprising - sandstones and siliceous cherts belonging to the Lower Greensand, and the grey and white limestones of the Chalk. The sequence is rich in fossils in places, especially sponges and bivalves. Most of the rocks are no longer in their original place having cascaded down from the inland cliffs far above. Large tilted blocks can be found mixed in with a fine muddy matrix, and water seepage from the cliff face is common. The age of the rocks is centered about 100 million years ago, but the landsliding movement was at its maximum a few thousand years ago and is still continuing in places.