

Location / Activity:	Wooded area, Mathematical and scientific learning in the outdoors			Date:	20/09/2022
Assessor:	Cassie Hastings			Review date:	20/12/2022
Experience exploring outdoor space in photograph	How will young people BENEFIT from this activity?	Hazards and risks	Who is at risk?	PRECAUTIONS in place to reduce the risk of injury	Overall risk RATING : L/M/H
Wildlife awareness	Children will become aware of different species and the habitat they live in, they will learn about different life cycles and biology.	Children touching insects that could be dangerous, children getting bitten.	Children Staff People visiting the woods	Supervise closely, talk to children about safety. Children provided with clear rules when finding and seeing animals and insects, for example ensuring they look but do not touch unless authorised by an adult.	L
Patterns and shape exercise	Children will gain knowledge on different shapes, sizes, weights, textures patterns and marks on the things surrounding them allowing to develop on their maths concepts.	Children touching plants such as stinging nettles, children falling over, Rocks are a clear hazard, sticks and other objects children could trip over, tree branches being too low and hurting children.	Children, staff, people visiting the woods	Supervise children closely with golden rules in place such as safety talks and clear guidelines. Staff to check the area and remove any clear noticeable hazards.	M

Waterfall learning	Children will have a basic understanding on the formation of waterfalls and understanding of depth, force, motion, movement, sound, gravity	Children going too close to the edge when distracted and falling onto the rocks or water which could lead to cuts, injuries and drowning.	Children	Talk to children about the risks of going too close to the rocks edge. Extra supervision is needed with the instructions of golden rules- such as not passing certain points. Appropriate clothing to be worn and provided staff needing to be first aid trained.	L
Uneven ground	Children developing on their sense of balance, spacial awareness and understanding of things such as gravity when they roll things down the different ground levels and slopes. Children will develop on their gross and fine motor skills when moving around the area.	Children and staff tripping and falling over leading to cuts, bruises and grazes.	Children and staff	Talk to children about uneven ground and discuss safety precautions. Practice balancing activities prior to the trip. Extra supervision and golden rules needed.	L

senses activity	Children will show awareness of their senses such as hearing their voices echoing in the forrest, feeling the textures of the rocks, seeing the different natural materials they can explore with,	Children falling over, children touching unsafe plants .	Children, staff and people visiting the forest	Golden rules about where children can and can't go. Talks about safety in the outdoors. Take a sheet to show children safe plants to touch and unsafe plants.	L
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	smelling the fresh leaves and plants.				
Wet rocky area	Children will learn science by experimenting with water to notice the colour change from dry rocks to wet rocks, this could encourage their mark making skills and multi-sensory experiences, children will be capable of identifying risks in their surroundings.	Children and staff potentially falling over and hurting themselves.	Children and staff	Children to be informed of dangerous areas and have clear instructions on where they are allowed. Children can practice in surroundings such as their settings to spot danger and hazards in preparation for the trip. Staff to also understand the risks of the area and be in ratios and first aid trained.	M
Water and mud experimenting	Children are able to mix water with mud to understand the different concepts of mixing, measuring, ratios and understanding the change of consistency when materials are wet and dry.	Children could try and eat the mud and drink the water, this is a choking hazard.	Children	Staff to talk to children about safe use of natural resources, for example- explaining that the water and mud are safe to play with but not to drink or eat. Staff to monitor children closely and be observant. Staff to be first aid trained.	L