


Site Risk Assessment

<p><u>Emergency Telephone Numbers</u></p> <p>Office – 01256 762637</p>	<p><u>Location of Site</u></p> <p>Whitewater C of E Primary School The Street Rotherwick RG27 9BG</p> <p>Grid Reference for Air Ambulance: SU 71200 56300</p>	
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Activity	Forest School – Tool Use	Date	7 th October 2022
Location	Whitewater C of E Primary School	School / Visiting Group	
Responsible staff	Robyn Jones	Possible Visitors to site	n/a
Risk Assessment written by Position Signature	Robyn Jones Forest School Leader	Risk Assessment Checked/Approved by	Steve Moore Executive Headteacher
Location of nearest Defibrillator and Code (if known)	Rotherwick Village Hall		
Person (s) responsible on site for 1 st Aid. Robyn Jones	Cert. type	Paediatric First Aid (12 hour)	Date of Cert. 6 th November 2022

Activity Risk/Benefit Assessment

Which activity is this assessment for?		Tool Use				
Consider the benefits to the children of allowing this activity to take place:		Physical Development including muscle development				
		Resilience				
		Independence, risk assessing and understanding safety				
		Concentration and Perseverance				
		Achieving and building confidence				
		Learning new skills and creative development				
The Hazard	Who could be harmed?	How could they be harmed?	Level of risk (with no control measures in place)	Control	Who will carry out control measure and when (before or during activity)?	Level of risk (with control measures in place)
General	Adult/Children	Serious Cut	High	<ul style="list-style-type: none"> - Safety talk - Teaching correct stance and position - Choice of using rigger glove on non working hand - Use of a saw horse - Carry out in controlled area - Assess suitability for the learners - Use a drilling stump - Teach blood circle rules - Model positioning of tools - Use fixed blade tools - Lock tools away when not in use - Ensure tools are cleaned after use - Tools visually inspected prior to activities for damage/loose/rust/blunt - Tools to be accounted for before and after each activity - Guards and sheaths to be put on tools when not in use 	Forest School Leader/Support staff (before/during/after)	Low

				<ul style="list-style-type: none"> - Discuss not walking around with tools - Close supervision of children when using tools - Only trained Forest School Leader to use tools with children - First aid kit nearby 		
Using a palm drill	Adult/Children	Impalement	Medium	<ul style="list-style-type: none"> - Teach correct stance (on one knee, not too far away from stump) - Use a stump to place wood on when using drill rather than hand - If using hand only if wearing rigger glove 	Forest School Leader (during)	Low
Using a potato peeler to whittle	Children	Minor Cut	Medium	<ul style="list-style-type: none"> - Teach correct stance (sat down with elbows on knees or with back of non-working hand resting on opposite knee) - Model positioning of blade when using (point and use away from the body) - Choice to use rigger glove on non working hand - Teach about blood circle - Have stumps/seats to sit on - Only use fixed blade peelers - 	Forest School Leader (during)	Low
Using a knife to whittle	Children	Major Cut	High	<ul style="list-style-type: none"> - Teach correct stance (sat down with elbows on knees or with back of non-working hand resting on opposite knee) - Model removal of knife from sheath (ensure the hand holding the sheath is well away from where the knife exits to avoid cuts) - Model positioning of blade when using (point and use away from the body) at least two arm length and two tool lengths 	Forest School Leader (during)	Low

				<p>between people.</p> <ul style="list-style-type: none"> - - Model position of hand on handle (using finger grooves to help positioning) - Choice to use rigger glove on non working hand - Teach about blood circle - Have stumps/seats to sit on - Ensure knives are resheathed when not in use - Assess suitability of learner - 1 to 1 supervision when in use 		
Using a bow saw to saw	Adult/Children	Serious Cut	High	<ul style="list-style-type: none"> - Teaching the correct stance and position (if on one knee, leading knee to be positioning in line with bow saw/saw horse, hold the wood firmly behind the clamp or V in the saw horse. Stand with same foot as the sawing hand back and almost in line with the sawing hand and eye. Feet slightly apart. one hand to be on bow saw and the other on the piece of wood being cut. Wood should be cut close to the clamp/horse to keep it firm and have little sideways movement, approx. 4cm). Partner to be adjacent in mirroring stance) - Carry out in controlled area - 1 to 1 adult supervision activity - Use saw horse - Choice to use rigger glove on non working hand - Assess suitability of learner 	Forest School Leader (before/during)	Low
Using a splitting axe to split wood	Adult/Children	Severed Limb	High	<ul style="list-style-type: none"> - Teach correct stance (on one knee, not too far away from stump or standing with legs slightly apart) 	Forest School Leader (before/during)	Low

				<ul style="list-style-type: none"> - Use a stump to place wood on - Use wood that is approximately half the length of the blade in diameter and not too long - Model positioning of blade when using (Hold axe at 90 degree angle with dominant hand, tap with green wood baton onto strongest and thickest part of the blade with other hand) - Model positioning of hand on handle - Use gloves - Teach about blood circle - Model how to carry tool - Assess suitability of the learner 		
Using scissors	Children	Minor Cut	Medium	<ul style="list-style-type: none"> - Model how to travel safely with scissors - Children to be sitting when using - Teach to cut away from themselves - Teach to close scissors when not in use - 	Forest School Leader	Low
Using loppers	Adult/Children	Severed digit	High	<ul style="list-style-type: none"> - Teach how to travel with loppers (blades down, carry by gripping both handles). Place on floor with blades away from you. - Use appropriate sized loppers - Assess suitability of the learner - Assess suitability of the tool - Model correct stance (both feet are on the ground) - Model to not stretch far when using - Model to use only when a tool and arm length clear of anyone else - Discuss how to manage falling branches - Teach about blood circle 	Forest School Leader (during)	Low

				- Teach only use to cut materials up to thumb width		
Using Secateurs	Adult/Children	Severed digit/severe bleed	High	<ul style="list-style-type: none"> - Only use secateurs with safety locks - Assess suitability of the learner - Assess suitability of the tool - Model correct stance (ensure both feet are on the ground or in safe kneeling position) - Teach about blood circle - Only use to cut materials up to a fingers thickness 	Forest School Leader (during)	Low
Using mallets	Adult/Children	Crushing of fingers	High	<ul style="list-style-type: none"> - Model correct stance (kneeling position to the side of the item they are hitting with the mallet. Leading hand containing mallet ¼ turn away from the knee to ensure mallet will not hit face) - Model how to hold using two hands if appropriate - Model when using tool with one hand, location of other hand 	Forest School Leader (during)	Medium

Low Risk (Something which may result in minor damage or slight harm i.e. scratch or bruise)

Medium Risk (Something which may result in a significant loss/damage or major injury i.e. broken bone or other injury which results in person being taken to hospital for treatment)

High risk (something which may result in extensive damage, multiple or major injuries or death.)