WOODWORK RISK ASSESSMENT

Springfield Bees Pre-School:
Date of Assessment: 12/11/2024 Assessed by: C Deluca - Manager

What is being assessed	What hazards may be present	What degree of injury could be reasonably expected	What precautions have been put in place to reduce the risk of injury	What likelihood is there of risk still occurring	What is the risk rating
Woodwork Area	Impact with tools Tripping	Medium	Locate in observable area Monitored at all times by staff member. (either in vicinity or close proximity) Locate woodwork area in a position that reduces flow/ traffic. Locate away from distractions. Ensure that the floor is clear of obstacles that could cause tripping. Limit number of children working if small area	Low	Low
Splinters	Infection	Low/High	Avoid working with very splintery wood Adults to sand very rough edges, if necessary, first before children use wood Children to initially sand any rough edges, or sand after sawing if rough	Low	Low
Eye protection	Injury to eye from nail rebound, debris in eye	High	Safety glasses always to be worn. Wear goggles if excessive dust. Children that already wear glasses to keep those on and add goggles if excessive dust.	low	low
Woodwork Clothing	General injury	Low	Ensure children wearing suitable clothing to move freely; for example remove gloves and scarves to facilitate coordination. Shoes to be worn.	Low	Low
Treated wood	Toxicity	Low	Avoid using painted or treated wood. If in doubt the wood should not be used.	Low	Low

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Tools general	Impact	Low	Walk when transporting tools and hold by side Instruction on how to use tools safely (Introductory 1:2 ratio, Saw 1:1) Ensure regularly checked –e.g. hammer head not loose All Equipment to remain in woodwork area Misuse of tools will not be accepted	Low	Low
Hammer	Impact to fingers/ hand	Medium	Instruction on how to use hammer safely. Dangers clearly explained. Fingers moved away when banking hard. Initial adult supervision. 1:2. Eliminate distractions	Low	Low
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Saw	Cuts Impact injury to another child	Medium	Instruction on how to use saw and supervised 1:1 at all times. Sawing – Ensure no children are watching from in front of the sawing area. Children to saw with one hand and other hand holding bench well away from wood being cut. After being used - saw to immediately be put out of reach. Wood always clamped in vice when being sawn. Practitioner to check held firm in vice before sawing commences.	Low	Low
Hand drill/ Brace and bit	Injury to body	Low	Ensure work is clamped (G clamp or vice) before drilling	Low	Low
Dust	Dust - inhaled and eyes	Low	Eye protection – goggles if lot of dust Children not to cut MDF	Low	Low
Nails/ screws	Pierce skin Swallow	Low	Any protruding nails to be made safe (hammered over) or removed All nails/ screws to be collected off floor after session Do not hold nails/ screws in mouth. Many builders do this. Do not model this habit!	Low	Low

Misc Tools – wrench, spanners, screwdrivers, hand	Impact injuries Cuts bruises etc	Medium	Children to be given clear instruction for safe use of any new tool. Emphasise tools are not toys. Children initially to be supervised 1;2. Nail puller to be used as a lever.	Low	Low
Plywood	splinters	medium	Avoid plywood. It is hard for young children to work with and plywood splinters badly	Low	Low
Hard wood	Injury	Medium	Avoid. - as hard and very difficult for children to work. More chance of nail rebounding. Also children would have to hammer extremely hard increasing risk.	High	High
MDF	dust	medium	Caution with MDF. Do not cut MDF in school due to excessive levels of irritating dust. MDF is hard so drill first when joining.	Low	Low
Children with SEN	General injury	Medium	Higher supervision ratio. I:I if necessary.	Low	Low
First aid response	Delayed treatment	Low	Know location of first aid kit and appointed first aiders	Low	Low

I give permission for my child to use the work bench & tools:

Child's Name……..…… Parent's Name……..

Parent's Signature……..…….....… Date……..……