School: Adapt this assessment to respond to your setting, space, tools, children etc

Date of Assessment: xx/xx/2019 Assessed by:

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| 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 toolsTripping | Medium | 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 woodAdults to sand very rough edges, if necessary, first before children use woodChildren to initially sand any rough edges, and sand after sawing if roughSplinter to be removed immediately if reasonably possible by first aider, if not inform parents to seek medical attention and monitor site for possible infection | Low | Low |
| Eye protection | Injury to eye from nail rebound, debris in eye | High | Safety glasses always to be worn. Children that already wear glasses will suffice.Goggles to be worn 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 chemically treated wood. If in doubt the wood should not be used. | Low | Low |
| Tools general | Impact | Low | Walk when transporting tools and hold by sideInstruction on how to use tools safely( Introductory1:3 ratio, Saw, Nail puller 1:1)Ensure regularly checked –e.g. hammer head not looseAll Equipment to remain in woodwork areaMisuse of tools will not to be tolerated Keep checklist of who has been taught which tool | Low | Low |
| Hammer | Impact to fingers/hand | Medium | Instruction on how to use hammer safely. Dangers clearly explained. Fingers moved away when hammering hard. Initial adult supervision. 1:3. 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 - practitioner to stand in this area to prevent children getting close to saw. Child sawing with Japanese saw or pull saw to hold the saw with two hands or with western 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 |  |  |
| Dust | Dust - inhaled and eyes | Low | Any significant amounts of cutting/ sanding to be done outdoors.Eye protection – goggles if lot of dust. Dust mask to be worn if high levels of dustChildren not to cut MDF | low | Low |
| Nails/ screws | Pierce skinSwallow | Low | Any protruding nails to be made safe ( hammered over) or removedAll nails/ screws to be collected off floor after session (magnet)Do not hold nails/ screws in mouth. Many builders do this. Do not model this habit! | Low | Low |
| Misc Tools – wrench, spanners, screwdrivers, hand drills, nail puller. | Impact injuriesCuts 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;3. Nail puller to be used as a lever.and only used closely monitored 1:1 | Low | Low |
| Plywood | splinters | medium | Care with 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. |  |  |
| MDF | dust | medium | Caution with MDF. Do not cut MDF in school due to excessive levels of irritating dust. MDF is hard so to be drilled first when joining. | Low | Low |
| Battery screwdriver | Injury to fingers | Low | Clear instructions for safe use and then only used with close adult supervision. Eliminate distractions. Material being drilled to be clamped. | 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 aider | Low | Low |