RISK BENEFIT ASSESSMENT – Palm Drill

**Low risk- Something resulting in a minor injury eg a scratch or a bruise**

**Medium risk- something resulting in significant loss/ damage or an injury such as a broken bone which requires hospital treatment**

**High risk- something that results in extensive loss/ damage, multiple injuries or death**

|  |  |  |  |
| --- | --- | --- | --- |
| Location/ Activity: | Stoneydelph Forest School | Date: | December 2021 |
| FS Leader: | Mrs J Parry | Review Date: | December 2022 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Activity | How will young people BENEFIT from the activity? | Possible Hazards | Overall risk ratings  Low/ Med/ High | Who is at risk? | Precautions in place to reduce risk of injury | Risk rating following precautions |
| Trips or falls with palm drill when transporting | Developing fine motor skills  Ownership and independence when creating woodland crafts  Safety awareness | Cuts, grazes, abrasions and bruises | High | Children/ adults | Ensure safe working area with minimal trip hazards  Tool talks before use, and children taught how to carry the palm drill safely  Drills to be kept in designated box when not in use, and counted in and out | Medium |
| Palm drill slipping off target when in use | Developing fine motor skills  Ownership and independence when creating woodland crafts  Safety awareness | Cuts, grazes, abrasions and bruises | High | Children/ adults | Tool safety talks  Safety glove to be worn on non-tool hand  All learners to be aware of how to position themselves so if a slip occurs it won’t make contact with them or other members of the group  Always drill items on a stump or a surface and never onto your hand | Medium |
| Palm drill snapping | Safety awareness, and increased knowledge of tools | Cuts, grazes, abrasions and bruises | High | Children/ adults | Regular and effective maintenance of tools  Group to be informed of how the drill bit SHOULD look so they know if it is damaged  Group to be taught to report any problems to the FS Leader. Tool to be decommissioned and fixed or replaced as appropriate  Tools to always be checked before use | Medium |