

St Faith's Church of England Infant and Nursery School

Risk/ Benefit Analysis: Forest School Tools

RISK

- Low (L) Something which may result in a minor injury such as scratches, bruises or minor discomfort.
- Medium (M) Something which could result in major injury (broken bone, severe cut or burn which results in being taken to hospital).
- High (H) Something which could result in multiple major injuries or death.

LIKELIHOOD

- Low (L) The suggested risk is unlikely to happen during the activity.
- Medium (M) The suggested risk could happen during the activity.
- High (H) The suggested risk is extremely likely or certain to occur during the activity.

Hazard	Benefit	Who can be harmed? How?	Risk Level	Likelihood	Control measures	Risk level after control measures	Likelihood level after control measures
Mallets/ Hammers	-Developing new skills -Tackling challenges/ taking risks to build confidence/ self-esteem -Hand/ eye co-ordination -Learning to manage risks -Understanding of safety	Everyone <ul style="list-style-type: none"> • Bruises/ fractures caused by being hit by hammer/ mallet • Eye injuries from tools/ nails • Puncture wounds from nails 	M	M	-Tool talks (including safety) to be given with introduction of any new tool -Adult to supervise tool use -Goggles to be worn when using hammers -Tools to be stored in locked shed when not in use -First aid kit nearby and easily accessed	L	L
Billhook	-Developing new skills -Tackling challenges/ taking risks to build confidence/ self-esteem -Hand/ eye co-ordination -Learning to manage risks -Understanding of safety -Team work and communication development	Everyone <ul style="list-style-type: none"> • Injuries such as bruising/ fracture/ cuts/ amputation caused by billhook slipping or incorrect use • Injury caused by billhook snapping 	M	M	--Tool talks (including safety) to be given with introduction of any new tool -Adult to supervise tool use -Gloves not to be worn to prevent hands slipping -Tools to be stored in locked shed when not in use -Tool maintenance checks completed regularly by forest school leaders -First aid kit nearby and easily accessed -Ensure users are communicating with each with regards to when to hit the bill hook/ how hard/ making sure partner is ready before each hit	L	L

Bow saw	-Developing new skills -Tackling challenges/ taking risks to build confidence/ self-esteem -Hand/ eye co-ordination -Learning to manage risks -Understanding of safety -Team work and communication development	Everyone <ul style="list-style-type: none"> Cuts/ amputation Injuries caused by blade snapping 	M	M	-Tool talks (including safety) to be given with introduction of any new tool -Adult to supervise tool use -Tools to be stored in locked shed when not in use -Tool maintenance checks completed regularly by forest school leaders -First aid kit nearby and easily accessed -Ensure users are communicating with each with regards to moving the saw back and forth at a pace that your partner is comfortable with -Glove to be worn on helper hand	L	L
Sheath knife	-Developing new skills -Tackling challenges/ taking risks to build confidence/ self-esteem -Hand/ eye co-ordination -Learning to manage risks -Understanding of safety	Everyone <ul style="list-style-type: none"> Cuts/ amputation Injuries caused by blade snapping 	M	M	-Tool talks (including safety) to be given with introduction of any new tool -Adult to supervise tool use -Tools to be stored in locked shed when not in use -Tool maintenance checks completed regularly by forest school leaders -First aid kit nearby and easily accessed -Glove to be worn on helper hand	L	L
Loppers	-Developing new skills -Tackling challenges/ taking risks to build confidence/ self-esteem -Hand/ eye co-ordination -Learning to manage risks -Understanding of safety	Everyone <ul style="list-style-type: none"> Cuts from blades Bumps/ head injury from falling branches 	M	M	-Tool talks (including safety) to be given with introduction of any new tool -Adult to supervise tool use -Tools to be stored in locked shed when not in use -Tool maintenance checks completed regularly by forest school leaders -First aid kit nearby and easily accessed -Ensure high/ large branches are supported by a partner and that others are clear of working area	L	L
Hand drills/ Palm drills	Developing new skills -Tackling challenges/ taking risks to build confidence/ self-esteem -Hand/ eye co-ordination -Learning to manage risks -Understanding of safety	Everyone <ul style="list-style-type: none"> Puncture wounds caused by drill bit Injuries caused by loose drill bit 	M	M	-Tool talks (including safety) to be given with introduction of any new tool -Adult to supervise tool use -Tools to be stored in locked shed when not in use -Tool maintenance checks completed regularly by forest school leaders -First aid kit nearby and easily accessed - No gloves to be worn to prevent hands slipping	L	L