



**Activity: Shelter Building (Debris & Tarp)**

**Date:**

**Assessed by:**

**Next Assessment due:**

**Benefits of the Activity**

- Sense of achievement from completing a new challenge
- Build up creative and decision making skills
- Group work and coordination
- Understanding of materials used to make a shelter waterproof and insulation and construction methods
- Visio-spatial awareness and Hand-eye co-ordination when placing materials to create a stable structure
- Tactile sense as they feel tree bark and other materials
- Gross and fine motor sense as they negotiate the forest to find and retrieve building materials, and complete building task, tying knots etc.
- Undertake a self-chosen challenge and design of shelter
- Importance of home, creating a safe space.

**To whom does this apply to: Young people/adults**

Hazard e.g sharp knife & Risk e.g cutting/wound	Likelihood	Hazard Severity	Risk factor	Control measures to reduce the risk	Residual risk
Sitting shelters overhanging/ dead branches falling, attaching to dead trees	2	4	8	Check for possible dangers particularly under beech trees-summer branch drop make students aware. Consider halting in high winds. Ensure tree tied to is good and strong and not dead, if in any doubt move to another spot.	4
Eye/head injuries from collecting/carrying logs.	2	4	8	Make students aware of any eye level branches in working area. Teach participants how to carry/drag sticks/logs safely	4
Tripping over guy lines on basher tents or parachutes/tarps	3	2	6	Make all aware of risk and use more visible string where appropriate or highlight in some other way.	4
Trees falling when hammock and tarp are attached	2	4	8	Ensure tree tied to is good and strong and not dead, if in any doubt move to another spot.	4
Hammock knot coming undone	4	2	8	Ensure the knot is properly tied before getting into the hammock.	4
Collapse of debris shelters	3	3	9	Ensure sound construction not using rotten wood on the load bearing parts of the shelter.	6



Possible faeces & infection	2	2	4	Wash hands & raise awareness of where debris is gathered	2
Thorns from scraping leaf litter for debris shelter	4	1	4	Use feet for scraping up and gloves for picking up leaf litter.	2
Further measures				Ensure hand washing facilities are available for after the activity.	

**Risk Assessment scoring-** Scores of 8 and above cease activity or reassess the control measures

Likelihood		Hazard severity		Risk Factor (likelihood x hazard severity)	
1	Very unlikely	1	Minor injury, scratches, bruises, burns etc.	1-3	Low
2	Unlikely	2	Moderate injury, cuts, grazing, burns etc.	4-7	Moderate
3	Likely	3	Serious- Person requires hospital treatment or time of school/work	8-12	High
4	Very likely	4	Significant, risk of death or loss of limbs/ eyesight etc.	13-16	Very High