



## Risk Assessment

### Details

General details relating to the activity.

<b>Company</b>	Cornwall Woodcarvers – private members club
<b>What this file covers (list activities and risk assessments)</b>	Teaching whittling to young person(s) This assessment applies to the named individual below: <ul style="list-style-type: none"><li>• Members of the Scouting Organisation</li><li>• Other small groups of young people</li></ul>
<b>Date</b>	May 2018

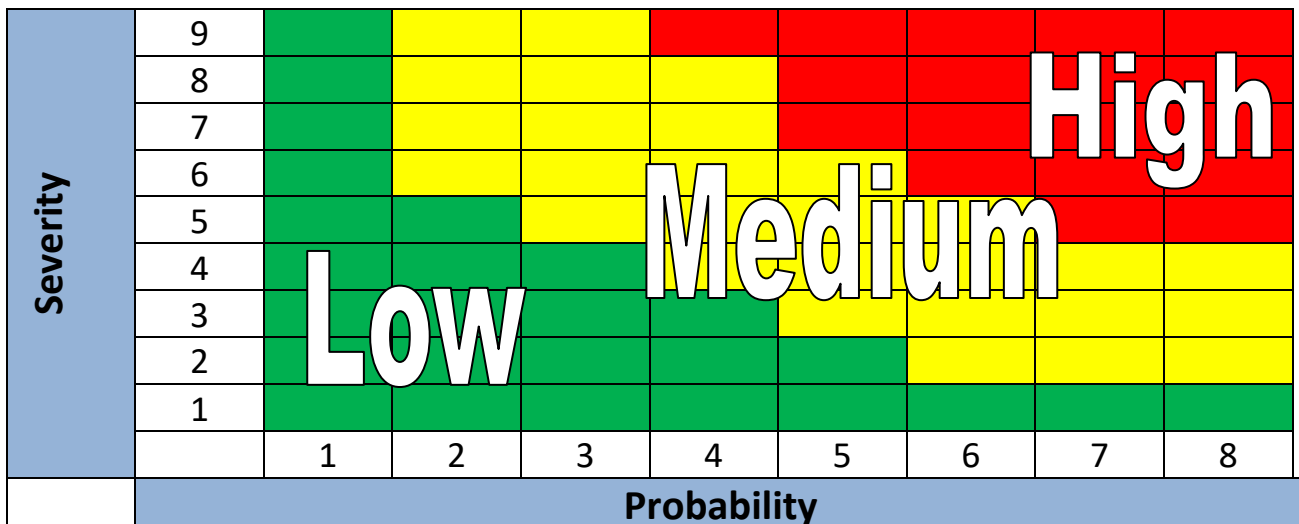


**Numerical Risk Analysis**

<b>Accident Severity</b>	
Death	8
Total Incapacity	7
Severe Incapacity	6
Slight Incapacity	5
Requires medical treatment + recovery	4
Requires medical treatment - no recovery	3
Minor Injury - plaster	2
Insignificant Injury	1

<b>Accident Probability</b>	
Almost Certain	9
Very Likely	8
Probable	7
More than Evens	6
Even Chance	5
Less than Evens	4
Improbably	3
Highly Improbable	2
Almost Improbable	1

<b>Severity x Probability = Rating</b>	
1-12	Low
13-32	Medium
33-81	High





# Risk Assessment : Whittling

Hazards and Controls				
Tick next to each applicable risk to accept it and rate the probability and severity with the controls shown.				
Hazard No.	<p><b>Hazard : Who might be harmed and how?</b> How will the risks be reduced / controlled?</p>	Analysis		
		Probability	Severity	Rating
1	<p><b>Hazard:</b> Minor cuts and scratches (not requiring stitches) More serious cuts (requiring stiches)</p>	3 2	2 3	6 6
2	<p><b>Who may be harmed and how:</b> Named person and others close by could sustain scratches, minor cuts (plaster) or more serious cuts (require stiches) form use of sharp knife.</p>			
3	<p><b>Controls;</b></p> <ul style="list-style-type: none"> <li>✓ Experienced wood workers as instructors to lead tuition.</li> <li>✓ Scout leader/assistant to be present.</li> <li>✓ Safety briefing at start, identify individuals who have relevant medical &amp;/or leaning issues.</li> <li>✓ Avoid moving about with knife, Scouts seated while working.</li> <li>✓ If a Scout must get up, first the knife is place on floor under chair.</li> <li>✓ Safety equipment to be used – usually thumb guard is sufficient, cut resistant gloves in exceptional cases.</li> <li>✓ Bodger boards available for lap working.</li> <li>✓ First aid kit to hand.</li> <li>✓ Tools kept sharp, blunt tools require additional force to use and tend to slip.</li> <li>✓ Induction to whittling – projects are aimed to teach basic whittling cuts.               <ul style="list-style-type: none"> <li>○ Push cut</li> <li>○ Pull cut</li> <li>○ Re-enforced push-cut</li> <li>○ Re-enforced pull -cut</li> <li>○ Straight arm push-cut &amp;</li> <li>○ Chest expansion</li> </ul> </li> <li>✓ Cuts into hand / body based on minimum blade travel with build in stops.</li> <li>✓ Larger cuts away from body.</li> <li>✓ Review tasks with the individual to ensure that they are capable of completing the tasks safely without injury – this should be done by practical demonstration with the individual, and highlight the safe whittling practices</li> <li>✓ Named person(s) will be instructed to think before whittling (even small cuts can cause injury when whittling without care etc) and not continue to whittle when they feel they cannot do safely, or may cause injury – the individual(s) should then raise this with the instructor.</li> <li>✓ Named person(s) overseen / monitored by instructor. Attention should be given to;               <ul style="list-style-type: none"> <li>○ Relaxed, calmness and concentration of named person(s);</li> <li>○ Stage and state of progress &amp;</li> <li>○ Condition of wood shavings on the floor.</li> </ul> </li> <li>✓ Named person(s) individual capabilities to be monitored, and task amended as necessary.</li> </ul>			



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Hazard No.	<b>Hazard : Who might be harmed and how?</b> How will the risks be reduced / controlled?	Analysis		
		Probability	Severity	Rating
4	<b>Task descriptions (include restrictions where applicable i.e. max numbers / age, equipment to be used etc.):</b> <ul style="list-style-type: none"> <li>• Fixed blade knife, blade length short, snub nose, sharp.</li> <li>• Scouts may use own fixed blade knives.</li> <li>• Thumb guards for knife hand.</li> <li>• Cut resistant gloves for identified individuals.</li> <li>• Bodger boards for lap work.</li> <li>• Max. 12 students per instructor</li> </ul>			
5	<b>Cuts:</b> <ul style="list-style-type: none"> <li>• Push cut; power from non-knife thumb limits blade travel; cut direction away from body.</li> <li>• Re-enforced push cut; power for twisting knife wrist limits blade travel; cut direction away from body.</li> <li>• Pull cut; power from squeezing a fist in knife hand, distance of blade travel restricted, thumb guard for knife hand (or gloves), cut director towards body.</li> <li>• Re-enforced pull cut; power from squeezing hands together, distance of blade travel restricted, thumb guard for knife hand (or gloves), cut director towards body.</li> <li>• Straight arm push cut; power from pushing with straight arm, this is a powerful cut, blade travel is long and away from the body, wood held away from body with wood side wrist resting on knife side leg.</li> <li>• Chest expansion; power from back and shoulders; wood held close to chest, this is a powerful cut, blade travel is short and away from body.</li> <li>• Hooked knives; only taught after above cuts learned and Named person(s) have demonstrated an appropriate level of competence (assess by observation while practicing other cuts).</li> </ul>			

Sign off (Manager)	
Once the risk assessment is complete, a competent person should approve it for use.	
<b>Name</b>	J Samworth (Chairman)
<b>Signed</b>	
<b>Date</b>	May 2018