

## Normans – Plant Dyes & the Bayeux Tapestry: Risk Assessment

Activity	Hazard	Precaution	Risk
Wool Dyeing	<ul style="list-style-type: none"> <li>Sodium dithionite (reducing agent in woad dyebath): Harmful, produces sulphur dioxide if mixed with acids</li> </ul>	<ul style="list-style-type: none"> <li>Used at low concentration in woad dyebath</li> <li>No acids used in workshop</li> <li>Children provided with gloves, eye protection and tongs to handle dyed wool and warned not to touch the liquid in the dyebath</li> <li>Activity closely supervised</li> </ul>	Low
	<ul style="list-style-type: none"> <li>Copper (II) sulphate (VI) (modifier in one of the woad dyebaths): Harmful</li> </ul>	<ul style="list-style-type: none"> <li>Used at very low concentration in dyebath</li> <li>Children provided with gloves, eye protection and tongs to handle dyed wool and warned not to touch the liquid in the dyebath</li> <li>Activity closely supervised</li> </ul>	Very low
	<ul style="list-style-type: none"> <li>Scalds from hot water in water baths (50°C or 60°C)</li> </ul>	<ul style="list-style-type: none"> <li>Children warned that water is hot and instructed not to put their hands in it</li> <li>Tongs provided to handle wool so no need to put hands near water</li> <li>Activity closely supervised</li> </ul>	Low
Drop spindle demo	None identified	None required	None
Friction demo	None identified	None required	None
Tapestry colours	None identified	None required	None
Tapestry story	None identified	None required	None