



# Bowsaw risk assessment

| Routine risk management protocols   |
|---|
| <ul style="list-style-type: none"> <li>All members of Tyggwhistle staff have received first aid training.</li> <li>A fully stocked First Aid kit is maintained on site and transported into woodland during sessions.</li> <li>The ratio of children to one adult is never more than 6, for children under 8, or 10 for children over 8 years old.</li> <li>A laminated emergency procedure card is carried by all staff and posted on the wall of the indoor classroom.</li> </ul> |
| Description of the Activity   |
| <p>Correct and incorrect use of a bowsaw, including carrying</p> <p><b>Benefits</b></p> <ul style="list-style-type: none"> <li>Students learn to manage a woodland tool</li> <li>Students gain knowledge and pleasure from the production of woodland crafts</li> <li>Students develop hand/eye co-ordination</li> <li>Students build their risk management skills</li> <li>Students gain a sense of achievement from the activity</li> </ul>                                       |

| Risk Measurement guidance   |  |
|---|--|
| Likelihood x severity   |  |
| <b>Likelihood</b>   |  |
| <ul style="list-style-type: none"> <li>1. Only in extraordinary conditions</li> <li>2. Rarely</li> <li>3. Occasionally</li> <li>4. Often</li> <li>5. Every time activity is undertaken</li> </ul>                               |  |
| <b>Severity</b>   |  |
| <ul style="list-style-type: none"> <li>1. Reassurance but no intervention</li> <li>2. First aid required on site</li> <li>3. Non-emergency hospital visit</li> <li>4. Emergency hospitalisation</li> <li>5. Fatality</li> </ul> |  |
| Responses to risk   |  |
| Score   | Response   |
| 1-5   | Acceptable risk  |
| 5-12  | Acceptable risk with increased supervision and mitigation                    |
| 12+   | Unacceptable risk and should not be carried out without extensive mitigation |

| Hazard  | Group at risk | Risk assessment |          |      | Activity specific control measures   |
|---|---------------|-----------------|----------|------|--|
|   |               | likelihood      | severity | risk |  |
| Sharp blade leads to small cuts on body         | All           | 5               | 1        | 5    | <ul style="list-style-type: none"> <li>All groups receive specific instruction on correct use and handling of the tool.</li> <li>Tyggwhistle staff supervise user until satisfied that the user is safe and competent.</li> <li>Apply safety guard when tool is not in use.</li> <li>Ensure saw is always on the outside of the body when in use.</li> <li>Use 2 arms and a tool length policy whilst equipment is being used.</li> <li>Return tool to storage area when not in use.</li> <li>Use personal protective equipment (glove on non-tool hand) and suitable clothing.</li> </ul> |
| Sharp blade leads to a larger cut               | All           | 2               | 3        | 6    |  |
| Sharp blade leads to severing of femoral artery | All           | 1               | 5        | 5    |  |
| Strain to back, arm or shoulder muscle          | All           | 3               | 1        | 3    |  |
| Tripping over tool                              | All           | 5               | 1        | 5    |  |
|   |               |                 |          |      |  |
|   |               |                 |          |      |  |
|   |               |                 |          |      |  |
|   |               |                 |          |      |  |