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| **Task Description:** | Junior Crossbows **Location:** Garners Field **Date:** District Family Camp **Duration**: Two days | | | | |
| **TRA Completed By:** | Ian Turton | **Date of Assessment:** | 14th March 2024 | **Checked By Leader: N/A** |  |

| **Activity** | **Hazard** | **Persons at Risk** | **Risk Rating** | | | **Existing Risk Measures** | **Additional Risk Measures** | **Residual Risk** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P** | **S** | **RR** | **P** | **S** | **RR** |
| Junior Crossbows | Unauthorised access onto range | Person entering area | **3** | **2** | **6** | * Crossbow shooting takes place on designated range, shooters stand behind tables, tin cans on tables about 2-3m away. * Backstop/curtain in place and preferably side curtains (or inside tent or gazebo with sides). * The activity is controlled by an adult/leader. * Queuing system enforced to keep non-participants away | Supervising adult (or Explorer Scout) to be alert | **1** | **2** | **2** |
| Junior Crossbows | Being hit by a plastic bolt. Assure worst case is hit in the eye | Participants  Others on site | **3** | **2** | **6** | * Verbal instruction * Strict rules and conduct * Appropriate range layout * Constant supervision by adult/leader * Only light plastic bolts to be used | Supervising adult (or Explorer Scout) to be alert | **1** | **2** | **2** |
| Junior Crossbows | Tripping on the range | Participants | **3** | **2** | **6** | * Verbal instruction * Strict rules and conduct * Constant supervision * NO RUNNING | Supervising adult (or Explorer Scout) to be alert. To instruct no running. | **1** | **2** | **2** |
| Junior Crossbows | Bruising on fingers if string not positioned properly | Participants | **2** | **2** | **4** | * Verbal instruction on use of equipment | Instructor trained/briefed. | **1** | **2** | **2** |
| Junior Crossbows | Scratches from tin cans | Participants | **2** | **2** | **4** | * Verbal instruction on how to stack cans * Sharp edges to be covered with tape | Instructor trained/briefed. | **1** | **2** | **2** |
|  |  |  |  |  |  |  |  | **1** | **2** | **2** |
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**Junior Cross Bow Participant Safety Briefing**

* NEVER point a crossbow and arrow at another person.
* Don't draw the string back except with an bolt on it , watch the instruction carefully
* The only safe place is behind the shooting line (table).
* Never shoot an arrow until you are positive that no one is in front of you or behind the targets.
* Carefully follow the instructions given by the supervisor at all times
* Wait for a verbal approval from the supervisor before starting to shoot.
* After you are done shooting, put the crossbow down and at the say so of the supervisor you can retrieve your bolts
* WALK; do not run toward the target to retrieve bolts.
* Carefully stack tins

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|  |  | **Probability** | | | | |
|  |  | **Unlikely** | **Possible** | **Probable** | **Very Likely** | **Certain** |
| **Severity** | Minor Injury | 1 | 2 | 3 | 4 | 5 |
| First Aid Injury | 2 | 4 | 6 | 8 | 10 |
| 3 Day Injury | 3 | 6 | 9 | 12 | 15 |
| Major Injury (Riddor reportable) | 4 | 8 | 12 | 16 | 20 |
| Fatality | 5 | 10 | 15 | 20 | 25 |

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| **Low** | **1 – 4** | **Monitor** | Tolerable risk; no additional control measures required; scouts made aware of safe/correct system of work. |
| **Medium** | **5– 12** | **Improvement Required** | Action required further reducing risk to acceptable level; reviewing process activity. |
| **High** | **15+** | **Immediate Action Required** | Unacceptable risk; stop activity immediately; inform management and refer to leader |