



**Kenelm Youth Trust**  
 Soli & Alton Castle Retreat Centres  
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## Soli Activity Risk Assessment – Crate Stack Activity – “Crates”

Hazards	Who is affected	Likelihood	Severity	Risk Control Measure	Comment Actions	Residual risk
<b>Harnesses and helmets incorrectly fitted</b>	Young people, Team Leaders, Teachers and Staff	Very Likely	Harmful	All participants are briefed in the correct fitting of all climbing equipment Activity Leader to check equipment at the start of the session, each time this equipment is put on and prior to an individual climbing or Participants work in a buddy system to check each other and then checked by the Activity Leader	Leader to provide safety briefing.	Low
<b>Injury due to falling or being dropped</b>	Young people, Team Leaders, Teachers and Staff	Likely	Disabling or fatal injury	The speed of lower off is controlled by the Activity Leader. Leader to be in position of maximum usefulness so as to take physical control when needed.	Activity leader to directly (Hands on) supervise lower offs.	Low
<b>Karabiner is cross loaded or rope runs over collar / thimble causing the gate to open and potential for loss of hitch.</b>	Young people, Team Leaders, Teachers and Staff	Likely	Disabling or fatal injury	Soli will only use Karabiners fitted with a locking bar which prevents reversing, cross loading or inadvertent gate opening. Karabiners will be attached so that they are back bar loaded i.e. gate facing the floor.		low

<b>Hair, jewellery or clothing trapped in equipment</b>	Young people, Team Leaders, Teachers and Staff	Likely	Harmful	Before climbing participants are asked to remove jewellery, tuck away hair, loose clothing and draw cords etc.	Leader to provide safety briefing.	Low
<b>The belay device and belaying</b>	Young people, Team Leaders, Teachers and Staff	Likely	Harmful	Either Activity Leader will belay or will monitor the participants belaying themselves. Activity Leader to train the participants in the correct techniques to belay (and then supervise) prior to belaying	Leader to provide safety briefing and demonstration.	Low
<b>Rope burn</b>	Young people, Team Leaders, Teachers and Staff	Likely	Slight Harm	The speed of lower off is controlled by the Activity Leader to minimise rope burn, employ hand over hand lowering. Activity Leader to brief the participants on the possibility of rope burn when belaying.	Activity leader to directly supervise lower offs.	Low
Peer Belaying	Young people, Team Leaders, Teachers and Staff	Likely	Disabling or fatal injury	Instructors to dynamically risk assess belay teams for ability (competence and responsibility) to peer belay. Instructors fully understanding the difference between direct “hands on” & remote “hands off” supervision.	Activity Leaders to position themselves in the position of maximum usefulness so they can directly supervise “hands on” at a moments notice.	Low
<b>Access / De-conflicting With Mountain Biking</b>	Young people, Team Leaders, Teachers and Staff	Likely	Disabling or fatal injury	The Crate store door is opened to 90° creating a physical barrier to prevent third parties straying into the Crate Stack Activity Station. Once activity has started access around the crate stack activity station is cordoned off.	Activity Leaders to ensure that Bikers leave the moat by the right-hand arch on the way out and the left-hand arch on the return.	Low

Faulty equipment	Young people, Team Leaders, Teachers and Staff	Very Unlikely	Harmful	Each rope has its own log entry. Ropes and other safety equipment are constantly checked, monitored and replaced when necessary. Soli only use CE rated Climbing equipment.	Activity Leaders to monitor equipment and report any defects. Instructor to periodically inspect and maintain equipment log. Annual inspection of Anchor points. Anchor slings to be checked prior to session commencing	Low
Misuse	Young people, Team Leaders, Teachers and Staff	Unlikely	Harmful	Activity Leaders are trained and locally accredited by a suitably qualified Technical Adviser to run the activity.		Low
Clipping into gear loop	Young people, Team Leaders, Teachers and Staff	Likely	Harmful	All gear loops removed from harnesses.		Low
Inversion/fall	Young people, Team Leaders, Teachers and Staff	Very Unlikely	Harmful	Activity Leaders will provide clear instruction to avoid inversion or falls Activity Leaders to ensure correct use and fitting of equipment Full Body Harnesses worn by climbers	Activity Leaders to fit improvised chest harness where required.	Low
<b>Falling objects (crates)</b>	Young people, Team Leaders, Teachers and Staff	Likely	Slight Harm	Helmets must always be worn whilst taking part in the activity A safe area must be established away from the activity. Activity Leader to brief the participants on action to take if accidentally dropping dislodging something (i.e. shout 'below') and action to take if you hear 'below' being shouted		Low
<b>Asthma attacks and other medical conditions</b>	Young people, Teachers and Staff	Unlikely	Harmful	All group members will be told to bring any medication over to the Activity Station with them. Other medical conditions should have been reported to	Leader to provide safety briefing. Leaders to check that medication is present.	Low

				the programme leader and the team will be informed. Teachers will be advised of suitability of the activity. Activity Leaders are First Aid trained and have access to a First Aid Kit and mobile phone		
<b>Visiting teachers 'helping' at wrong time without training</b>	Young , Team Leaders, Teachers and Staff	Likely	Harmful	Teachers to be briefed by Activity Leaders as to what is required of them prior to the activity.	Leader to provide safety briefing. Leaders to monitor school staff.	Low
<b>Mismatch in size / weight within smaller groups</b>	Young people, Teachers and Staff	Likely	Harmful	Activity leader to monitor belayers		Low

The Minimum National Governing Body Qualification to lead this activity is: M.L.T.B. Climbing Wall Award or staff have had their competence confirmed by an appropriately qualified and experienced technical adviser.

Risk assessment Conducted By / Qualification	Reviewed By	Date	Next scheduled review	Signed	Signed Off By:
Dom Salter MLTB SPA	Dom Salter	23 <sup>rd</sup> May 2019	May 2020		