

# NZOIA™ Rock Climbing (TRRC) Leader Scope

<b>Definition of Qualification</b>	<p>This qualification is for people who lead introductory top rope rock climbing experiences</p> <p>Possible users include club or youth group leaders, teachers, outdoor activity centre and climbing wall staff.</p> <p>This is a foundation qualification and provides a stepping stone towards the higher Instructor Qualifications.</p> <p>Leaders are only qualified to operate within a safety management system.</p>
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The following is the scope of the Rock Climbing Leader qualification:

<b>Environmental Scope</b>	
Description	<p>Can organise bouldering where the ground is flat and hazard free</p> <p>Can set up single pitch top rope climbs where:</p> <ul style="list-style-type: none"> <li>▪ Haul lines are in place and regular checks of anchors are completed by the organisation managing the venue.</li> </ul> <p>Or</p> <ul style="list-style-type: none"> <li>▪ There is easy walking access to the top rope anchors.</li> <li>▪ There are fixed anchors (bolts, chains, bollards, waratahs) or trees or threads that have been inspected in accordance with Local Operating Procedures (LOPs).</li> <li>▪ The leader has visited the site previously and had their set up approved by a Rock Climbing Instructor or similarly qualified technical advisor.</li> <li>▪ Personal safety can be set up simply using fixed anchors</li> </ul> <p>Can use venues that are within 30 mins walk of a road.</p> <p>Can use venues where expert assistance is on call and emergency service could be available within 1 hour.</p>
Examples of terrain within scope	<p>The following are examples of crags where there are routes that could be within the scope of a leader depending on the characteristics of the party, expected weather conditions and equipment. Not all climbs at these crags will be within scope</p> <p>Castle Hill – Arthurs Pass</p> <p>Wharepapa Sth</p> <p>Kinloch – Lake Taupo</p> <p>Tihoi</p> <p>Castle Rock (Sth Island)– Battlements</p> <p>Mt Eden Quarry – short side</p> <p>Albert Tce and Cattle Stop– Port Hills</p>

	<p>Mt Horrible – Timaru Spur Road – Timaru Hospital Flat – Wanaka</p> <p>Paynes Ford – Creese wall</p> <p>Artificial Climbing walls</p>
Examples of terrain out of scope	<p>Death Wall or Middle Earth– Mangatepopo Valley</p> <p>Meads Wall</p> <p>Titahi Bay (access too complicated)</p> <p>Whanganui Bay</p>
<b>Group Management</b>	
General	<p>A TRRC Leader is expected to manage risk within the clearly defined parameters of a safety management system.</p> <p>A TRRC Leader qualification does not define the skill set necessary to develop a safety management system.</p> <p>A TRRC Leader can work independently without direct supervision but must be indirectly supervised by a higher qualified and experienced individual.</p>
Bouldering	<p>Can run bouldering sessions where</p> <ul style="list-style-type: none"> <li>▪ The climbers feet do not exceed a height of 1.6 metre off the ground</li> <li>▪ The climber has at least 1 spotter who had been provided with training in stance, position and focus.</li> </ul>
Single pitch top rope rock climbing	<p>Can provide single pitch, top rope belay activities where:</p> <ul style="list-style-type: none"> <li>▪ Multiple climbs operating simultaneously (to a maximum of 3) are only permitted where the leader can quickly intervene in all climbs.</li> <li>▪ Where the leader can communicate easily with all participants.</li> <li>▪ Clients are lowered from the climb (they do not unclip at the top and follow a retreat route down)</li> </ul>
Ratio	<p>Ratios are hard to prescribe and they will vary depending on a variety of factors (e.g. age, behaviour, special needs and ability of students; weather, environment,)</p> <p>A leader is competent to manage up to 10 participants when environmental conditions and participant ability are suitable for this.</p>
Extending group scope	<p>A TRRC Leader can assist a Rock climbing Instructor in environments specified in the Rock Climbing Instructors qualification scope if:</p> <ul style="list-style-type: none"> <li>▪ Further personal climbing experience on climbs at instructor level has been logged</li> <li>▪ When working outside the scope of the TRRC leader qualification the leader must be under the direct supervision of the instructor.</li> </ul> <p>All responsibility sits with the Rock Climbing Instructor. Guidelines for this are outlined in the Rock Climbing Instructor Scope.</p>
<b>Training and Assessment</b>	
	<p>The TRRC Leader qualification meets the pursuit minimum assessment requirements (MARs) for the following units. The generic MARs relating to assessment are not met by this qualification.</p> <p>444 Demonstrate basic rock climbing movement</p> <p>20152 Experience and complete rock climbing sessions (check unit number)</p>

	20210 Experience rock climbing
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Revalidation	
	The TRRC Leader qualification remains valid so long as the holder completes annual revalidation requirements via NZOIA and maintains registration with the NZ Outdoor Registration Board.

**NZOIA™ Rock Climbing Leader Syllabus**

**Rock Climbing Leader profile:** This qualification is for people who:

- Provide introductory top rope rock climbing experiences.
- Provide positive and well managed experiences for a group

**A Rock Climbing Leader will be able to:**

**Personal competence**

- Demonstrate the ability to climb confidently
- Demonstrate the ability to belay climbers
- Demonstrate basic knowledge of care and appropriate use of the equipment commonly used in New Zealand for top rope rock climbing
- Demonstrate how to construct top rope rock climbing systems.
- Demonstrate site and personal safety

**Leadership**

- Demonstrate the ability to prepare an introductory rock climbing experience that is consistent with the safety management system of the organisation.
- Understand the impact of weather on the rock climbing venue.
- Demonstrate knowledge of the environment to be visited
- Demonstrate the safe and responsible management of the group
- Demonstrate effective safety management at all times

**Instruction**

- Demonstrate instructing a group in the rock climbing skills required for a positive introductory experience.

Pre-requisites	
	The Rock Climbing Leader must : <ul style="list-style-type: none"> <li>• Hold a current first aid qualification completed or renewed within the last 2 years</li> </ul>

Recommended prior to assessment	
	<p>Risk management decisions and leadership skills require a level of maturity, therefore it is recommended that a Rock Climbing Leader</p> <ul style="list-style-type: none"> <li>• be 18 years or over</li> </ul> <p>Climbing experience is required to demonstrate confident proficiency during the assessment. The following are minimum guidelines</p> <ul style="list-style-type: none"> <li>• Experience climbing grade 14 routes while on a top rope</li> <li>• Have climbed 20 rock climbing routes while on top rope (any grade) at both indoor and outdoor venues</li> <li>• Recommended reading:               <ul style="list-style-type: none"> <li>○ Haddock, C. (2004) Outdoor Safety - Risk Management for Outdoor Leaders. Wellington: New Zealand Mountain Safety Council Manual 38.</li> <li>○ Griffin, C (2002). New Zealand Outdoor First Aid. Wellington: New Zealand Mountain Safety Council Manual 33.</li> <li>○ Ministry of Education, (2002). Safety and EOTC. A good practice guide for New Zealand Schools.</li> <li>○ SPARC (2002) Outdoor Activities , Guidelines for Teachers.</li> <li>○ Organisational Codes of Practice.</li> </ul> </li> </ul>

Syllabus	
Personal Competence -The candidate <b>MUST</b> be able to demonstrate their competence at the following:	
Climbing performance	<p><b><i>Demonstrate the ability to climb confidently</i></b></p> <p>Correctly attach to the climbing rope</p> <p>Communicates clearly with the belayer at all times</p> <p>Move confidently on grade 14 climbs when on top rope.</p> <p>Select a route suitable to their skills and ability</p>
Belaying	<p><b><i>Demonstrate the ability to belay climbers</i></b></p> <p>Connect climbers to the climbing rope</p> <p>Demonstrate the use of a variety of different belay devices (must include an auto locking device(e.g. grigri) and manual locking device (e.g. stitch plate/ ATC))</p> <p>Demonstrate using industry accepted belay technique and systems with climbers (* add into the unit or assessment guidelines "describe when you would use a ground anchor and back up belayer")</p> <p>Demonstrate the ability to hold a fall and carry out lowers</p>
Equipment	<p><b><i>Demonstrate basic knowledge, care and appropriate use of the equipment commonly used in New Zealand for top rope rock climbing</i></b></p> <p>For the following equipment:</p>

	<ul style="list-style-type: none"> <li>- rope (static and dynamic),</li> <li>- slings,</li> <li>- karabiners,</li> <li>- belay devices,</li> <li>- harnesses,</li> <li>- helmets,</li> <li>- Prusik cord.</li> </ul> <p>Describe the properties, limitations and common use</p> <p>Describe how to minimise wear</p> <p>Describe how to check for damage, and how to store.</p>
Top rope rock climbing systems	<p><b><i>Demonstrate how to construct top rope rock climbing systems</i></b></p> <p>Set up top rope systems (tape/rigging ropes)</p> <p>Demonstrate how to tie a range of commonly used knots (must include</p> <ul style="list-style-type: none"> <li>- Clove and Italian hitch</li> <li>- Figure 8</li> <li>- Prusik,</li> <li>- Overhand</li> <li>- Tape knot</li> </ul> <p>The systems constructed comply with the commonly accepted practice in New Zealand.</p> <p>Construct a variety of secure anchor systems which minimise potential shock loading share the load have minimal angles and allow the rope to run smoothly</p> <p>Range: There are fixed anchors (bolts, chains, bollards, waratahs) or trees or threads</p>
Safety	<p><b><i>Demonstrate site and personal safety</i></b></p> <p>Demonstrate the setup and use of personal safety protection when at the top of a route</p> <p>Describe the emergency procedure in the case of an accident or injury.</p> <p>Display the emergency equipment available /or carried to the site. (including: some form of communication device)</p> <p>Demonstrate an understanding of how to avoid and deal with common problems such as a stuck climber</p> <p>Demonstrate the ability to unweight a jammed belay device with and without a ground anchor</p>
<b>Leadership: The candidate MUST be able to demonstrate their competence at the following:</b>	
Prepare a Top Rope Rock Climbing session	<p><b><i>Demonstrate the ability to prepare an introductory rock climbing experience that is consistent with the safety management system of the organisation.</i></b></p> <p>Identify and define the purpose of the TRRC session.</p> <p>Prepare a top rope rock climbing session that includes collecting or developing information about - risk identification and management, consent, access, equipment, weather information, intentions, gear lists, medical information, food and clothing; and emergency procedures.</p> <p>Select an appropriate venue, identify potential hazards and disclose these effectively to others.</p>

Weather	<p><b><i>Understand the impact of weather on the rock climbing venue.</i></b></p> <p>Obtain weather information for given day and describe the limitations of this information.</p> <p>Explain the implications of the information gathered to the planned rock climbing experience</p>
Access/ conservation/ etiquette (outdoor environments only)	<p><b><i>Demonstrate knowledge of the environment to be visited</i></b></p> <p>Describe the access restrictions to the area (if any apply) and comply with these.</p> <p>Demonstrate and advise clients in minimum impact strategies</p> <p>Demonstrate an awareness of local crag issues (if any apply) and comply with agreements around these</p> <p>Demonstrate an awareness of responsibilities to and respect for:</p> <ul style="list-style-type: none"> <li>- site,</li> <li>- other users, people in close vicinity (will include cultural appreciation)</li> </ul>
Run a Top Rope Rock Climbing session	<p><b><i>Demonstrate the safe and responsible management of the group</i></b></p> <p>Manage the individuals and the group effectively by:</p> <ul style="list-style-type: none"> <li>• Using effective communication skills</li> <li>• Setting and reviewing goals</li> <li>• Identifying and reacting to the needs of the group in relation to involvement, interest, enjoyment and achievement</li> </ul> <p>Manage time appropriately in relation to the plan, activity and conditions</p> <p>Demonstrate an appropriate, effective group briefing and activity closure.</p> <p>Demonstrate an awareness and sensitivity to the emotional, cultural and special needs of a group</p> <p>Demonstrate an understanding of warming up and injury avoidance</p> <p>Demonstrate and manage the use of spotters for bouldering.</p> <p>Manage the height above the ground of individuals when bouldering (climbers feet must be less than 1.6 metre above the ground)</p> <p>Issue appropriate climbing equipment and check correct fitting and use</p> <p>Supervise a group of novice climbers belaying</p> <p>Demonstrate and manage the use of backup belayers for top roped climbing</p>
Safety Management	<p><b><i>Demonstrate effective safety management at all times</i></b></p> <p>Demonstrate an awareness of risk management strategies for a TRRC environment.</p> <p>Demonstrate the ability to adjust plans when the circumstances dictate.</p> <p>Demonstrate an understanding of emergency procedures relevant to the activity including serious injury, medical emergency, jammed belay device, stuck climber,</p> <p>Describe any other hazards at the site and the strategies in place to manage these.</p>

**Instruction: The candidate MUST be able to demonstrate their competence at the following:**

***Demonstrate instructing a group in the rock climbing skills required for a positive introductory experience.***

Effectively instruct the following basic skill.

- Bouldering activities
- Climbing movement (during both bouldering and top rope climbing sessions)
- Spotting position for bouldering
- Choice and fitting of suitable harnesses
- Attachment of the rope to the harness
- Use of the chosen belay device
- The communication system to be used by the climber and the belayer.
- The role and responsibility of the climber, belayer and back up belayer (if used)