

## BSA National “Guidelines” For Climbing / Rappelling Event ~ Technique

What	Guidelines	Source & Comment
<b>Climbing</b>	<ol style="list-style-type: none"> <li>Top Roped &amp; Belayed if above “shoulder height”</li> <li>No Lead Climb w/o Top Belay; Webelos gym/port. wall</li> </ol>	<ol style="list-style-type: none"> <li>- “2012 Topping Out” (p.71); “2012 Nat’l Standards” (M32)</li> <li>- “2012 Topping Out” (p.11)</li> </ol>
<b>Rappelling</b>	<ol style="list-style-type: none"> <li>Top Belay with Separate Rope; Webelos req adult belay</li> <li>Bottom (Military) Belay only if rappel rope doubled (2)</li> </ol>	<ol style="list-style-type: none"> <li>1- 2 - “2012 Topping Out” (pp.91) &amp; “2012 Nat’l Stand” (M32) <ul style="list-style-type: none"> <li>- “must” = “2012 Topping Out” (p.92)</li> <li>“recommended” = “2012 Nat’l Standards”, M32</li> <li>- “separate” Figure 8’s / “one” Figure 8 (‘12 T/O, p. 92/93)</li> </ul> </li> </ol>
<b>Bouldering</b>	<ol style="list-style-type: none"> <li>No higher than “shoulder height” + 2 spotters</li> </ol>	<ol style="list-style-type: none"> <li>- “2012 Topping Out” (p.71); “2012 Nat’l Standards” (M35)</li> </ol>
<b>Anchoring</b>	<ol style="list-style-type: none"> <li><b>E-EQUALIZED</b> <b>R- REDUNDANT</b> <b>N- NOT</b> <b>E- EXTENDED</b> <b>S- SOLID</b> <b>T- TIMELY</b></li> <li><b>SAFETY LINES &amp; TREES MUST BE 6" IN DIAMETER AT POINT OF ATTACHMENT</b></li> </ol>	<ol style="list-style-type: none"> <li>- “2012 Topping Out” Anchoring Systems (p.66)  “2012 National Standards”(M5)</li> <li>- “2012 Topping Out”(pp.58-59);“2012 Nat’l Stand” (MC/R8)</li> </ol>
<b>Pro</b> (Passive & Active)	<ol style="list-style-type: none"> <li>Used in three’s (3) for anchor points</li> <li>Inappropriate for soft / fractured Rock</li> </ol>	<ol style="list-style-type: none"> <li>- “2012 Topping Out” Anchoring (p.67)</li> </ol>
<b>Belaying</b>	<ol style="list-style-type: none"> <li>Top Roped &amp; Belayed if above “shoulder height”</li> <li>No Lead Climbing w/o Top Belay</li> <li>Top Belay with Separate Rope “Releasable Rappel”</li> <li>Bottom/Military Belay (Fireman) if rope doubled</li> <li>All Belayers Must Be Anchored Except Military Belay on Rappel</li> <li>“Everyone must be belayed or anchored when within 8' of edge where fall more than shoulder height could occur”</li> </ol>	<ol style="list-style-type: none"> <li>1~5. - “2012 Topping Out” (p.11, 65, 71,-76) Nat’l Stand (M32)</li> <li>3. - “2012 Topping Out” (p. 96)</li> <li>3 &amp; 4. - “must” = “2012 Topping Out” (p.92) <ul style="list-style-type: none"> <li>- “recommended” = “2012 Nat’l Standards”, M32</li> <li>- “separate” Figure 8’s (x2) = “2012 Topping Out” (p.92)</li> <li>- “single” Figure 8 (x1) = “2012 Topping Out” (p.93)</li> </ul> </li> <li>6. - “2012 Nat’l Standards” (M35) <ul style="list-style-type: none"> <li>- Axe Yard Protocol &amp; Roped Off with Retired Rope/Webbing</li> </ul> </li> </ol>
<b>Misc.</b>	<ol style="list-style-type: none"> <li><b>Pitons</b> not permitted</li> <li><b>Bolts</b> - Must be 3/8", Steel, Minimum Length of 2½" or 3" for Limestone, May Not Be Used as a Single Anchor Point, Must be Placed by Someone with Special Expertise.</li> </ol>	<ol style="list-style-type: none"> <li>- “2012 Nat’l Standards”(MC/R9); “2012 Topping Out” (p.65)</li> <li>- “2012 Topping Out” (p.64), 2012 Nat’l Stand (MC/R9)</li> </ol> <p>Note: “2001 Nat’l Standards” required bolts to be UIAA/CEN Approved &amp; Minimum Strength of 4,000 lbs. (M22)</p>