

# Climb Master

## The Challenge:

1. Tie these three knots. What is each knot used for?
  - 1a. Figure eight on a bight (rappel anchor point)
  - 1b. Figure eight follow through (leader tie in to harness)
  - 1c. Water knot (tie in webbing for knotted leg loop seat)  
[http://www.scoutingresources.org.uk/knots\\_bendswater.html](http://www.scoutingresources.org.uk/knots_bendswater.html)
2. Explain the difference between the two types of ropes used in rock climbing (dynamic and static).
3. Be able to correctly put on and help ours put on a commercially made climbing harness and a knotted leg loop seat.
4. Demonstrate the proper verbal climbing and belaying signals. (On belay, Belay On, Climbing, Climb On)
5. Demonstrate the proper verbal rappelling signals. (On Rappel, Rappel On, Rappelling, Rappel On)
6. Demonstrate the slingshot belay. Demonstrate the top rope belay. Demonstrate the lead climber belay.
7. Set up the three belay stations. Explain the safety factors used to make the belays. (bomb proof anchors, redundant anchors, locking carabiners, no stretch in anchors, small angle between the anchors, belayer tight on anchors)

## The Reward:

Wear a Climb Master belay device.