

How to Make Your DIY Slope Meter

1. Print out the slope meter on the next slide.
2. Cut out the slope meter and tape it to a piece of cardboard.
3. Where the crosshair appears on the meter, use a pen to poke a hole through the meter and cardboard.
4. Run a string through the hole and tie a knot in the back to hold it in place. The string should be long enough that it dangles past the bottom of the meter when held vertically.
5. On the unknotted end of the string, tie a small weight like a washer or nut.
6. Out on the trail, use the top of the meter to sight to a spot at eye level farther up the trail. If you're doing this activity with another person, you can sight to their head.
7. Keeping the meter steady, pinch the string against the meter to find out your trail's slope.

