

## Solution - Candle Clue

The Masters division received a 12" candle at the start (which they didn't need to use until the very last clue, heh heh). At the 11<sup>th</sup> clue site they received a 100 cm paper tape measure from IKEA.



This tape measure was marked with inches on the top half, and with centimeters on the bottom half. On the inch measure, the following numbers were written in pink above these inch measurements:

1"	5
3"	4
4"	7
5"	3,9
12"	8
14"	6
19"	2
21"	1

The numbers provide the ordering, and the inches provide the letters:

1	2	3	4	5	6	7	8	9
U	S	E	C	A	N	D	L	E
21"	19"	5"	3"	1"	14"	4"	12"	5"

Next, there are numbers written in different colors along the centimeter measure. About half are black, and half are random (lighter) other colors.

The black letters are always to the left of non-prime numbers, and the other letters are always to the left of prime numbers. The ones to the left of prime numbers, written in various light colors, spell out, in order:

DONT USE PRIME NOS RED HERRING

The black letters are at intervals of 7 or 8 cm. When the tape measure is wrapped around the candle in a downward spiral, the black letters read (in three spiral columns):

**GO TO WAXEN MOON CANDLE ON POLK ST**

If anybody wraps from the bottom up, they'll see **WRONG END** written in purple letters in two columns.