

# Measuring Devices



## Hand Rulers

Very accurate forms of measurement are relatively new. Even now horse's heights are measured in 'hands'. The average size of a hand (measured across the palm) must have been about 4 inches or about 10 centimetres because that is the size of a 'hand'.

### Make a Hand Kite:

#### Here's how:

1. Place your hand palm down on a piece of paper, fingers spread wide apart.
2. Trace the outline of your hand.
3. Place string carefully on the traced outline.
4. Cut the string.
5. Straighten the string out to its full length and measure it using a ruler.
6. Write your name and hand measurement on the hand shape.
7. Cut out the hand shape.
8. Tape your length of string to the bottom of the cut-out hand. (Now you can decorate your kite!)



### Using your Hand Kite:

1. Choose something to measure.
2. Estimate how many strings long the object will be when measured with your "hand string".
3. Measure the object with your "hand string".
4. Compare your estimate to your measurement.

### Why's this maths?

Throughout history, people have been using themselves to measure length. Now you can too!

You're exploring measurement and the importance of accuracy in mathematics.

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