Measurement

UNIT: engineering Drawing and measuring\_level 1

1. **Early Measurement** – Early measurement used units like:
   * The Cubit – The distance from your \_\_\_\_\_\_\_\_\_\_ to your \_\_\_\_\_\_\_\_\_\_.
   * The Fathom – The distance from your \_\_\_\_\_\_\_\_\_\_ to your \_\_\_\_\_\_\_\_\_\_.
   * The Hand/Span – The distance from your \_\_\_\_\_\_\_\_\_\_ to your \_\_\_\_\_\_\_\_\_\_.
   * The Pace – The distance taken in one \_\_\_\_\_\_\_\_\_\_.
   * Girth – The distance around your body at your \_\_\_\_\_\_\_\_\_\_.
   * The Palm – The distance across your four \_\_\_\_\_\_\_\_\_\_.

*Why was early measurement inaccurate?*

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1. **Modern Measurement** – Measurement is the \_\_\_\_\_\_\_\_\_\_ of how many \_\_\_\_\_\_\_\_\_\_ are needed to cross, cover, fill, etc. and object.

* *Measurement units are \_\_\_\_\_\_\_\_\_\_\_\_\_\_ no matter what!*

1. **The Metric System** – 1m = \_\_\_\_\_\_\_\_dcm = \_\_\_\_\_\_\_\_ cm = \_\_\_\_\_\_\_\_ mm

* Used all over the world EXCEPT (1) Liberia,( 2) Myanmar, and (3) United States of America
* Always expressed in \_\_\_\_\_\_\_\_\_\_ form

1. **The English, Standard, or Customary System** – 1 yard = \_\_\_\_\_\_\_\_ feet = \_\_\_\_\_\_\_\_ inches

* Foot = \_\_\_\_\_\_\_\_ Inch - \_\_\_\_\_\_\_\_

Broken into fractions of an inch = 1/2”, 1/4”, 1/8”, 1/16”, etc.