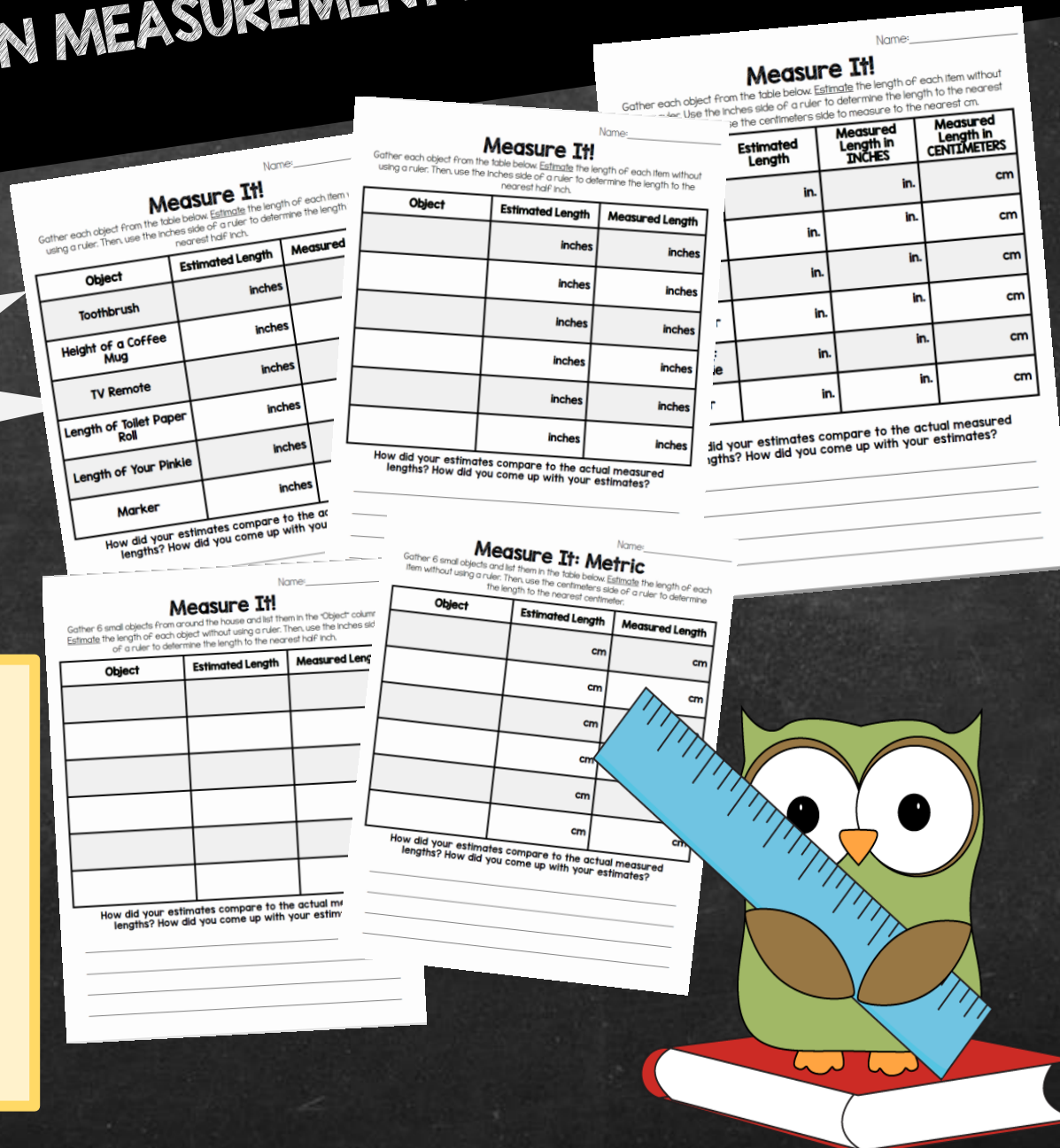


# Measure It!

## DIFFERENTIATED, HANDS-ON MEASUREMENT PRACTICE Through Miss I's Eyes

Designed for  
distance learning:  
no tech required!

- 8 differentiated worksheets to guide students in estimating measurements and using a ruler to measure in inches and/or centimeters
- Choose from versions with objects already listed or let students choose their own objects to measure!



# **Measure It!**

**DIFFERENTIATED, HANDS-ON MEASUREMENT PRACTICE**  
Through Miss I's Eyes

## **Table of Contents:**

- 3) Objects listed, with INCHES label**
- 4) Objects listed, without inches label**
- 5) Choose your own objects, with INCHES label**
- 6) Choose your own objects, without inches label**
- 7) Objects listed, with inches AND centimeters**
- 8) Choose your own objects, with inches AND centimeters**
- 9) Objects listed, with CENTIMETERS label**
- 10) Choose your own objects, with CENTIMETERS label**

Name: \_\_\_\_\_

# Measure It!

Gather each object from the table below. Estimate the length of each item without using a ruler. Then, use the inches side of a ruler to determine the length to the nearest half inch.

| <b>Object</b>                      | <b>Estimated Length</b> | <b>Measured Length</b> |
|------------------------------------|-------------------------|------------------------|
| <b>Toothbrush</b>                  | _____ inches            | _____ inches           |
| <b>Height of a Coffee Mug</b>      | _____ inches            | _____ inches           |
| <b>TV Remote</b>                   | _____ inches            | _____ inches           |
| <b>Length of Toilet Paper Roll</b> | _____ inches            | _____ inches           |
| <b>Length of Your Pinkie</b>       | _____ inches            | _____ inches           |
| <b>Marker</b>                      | _____ inches            | _____ inches           |

**How did your estimates compare to the actual measured lengths? How did you come up with your estimates?**

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Name: \_\_\_\_\_

# Measure It!

Gather each object from the table below. Estimate the length of each item without using a ruler. Then, use the inches side of a ruler to determine the length to the nearest half inch.

| Object                      | Estimated Length | Measured Length |
|-----------------------------|------------------|-----------------|
| Toothbrush                  |                  |                 |
| Height of a Coffee Mug      |                  |                 |
| TV Remote                   |                  |                 |
| Length of Toilet Paper Roll |                  |                 |
| Length of Your Pinkie       |                  |                 |
| Marker                      |                  |                 |

**How did your estimates compare to the actual measured lengths? How did you come up with your estimates?**

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Name: \_\_\_\_\_

# Measure It!

Gather each object from the table below. Estimate the length of each item without using a ruler. Then, use the inches side of a ruler to determine the length to the nearest half inch.

| Object | Estimated Length | Measured Length |
|--------|------------------|-----------------|
|        | inches           | inches          |
|        | inches           | inches          |
|        | inches           | inches          |
|        | inches           | inches          |
|        | inches           | inches          |
|        | inches           | inches          |

**How did your estimates compare to the actual measured lengths? How did you come up with your estimates?**

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Name: \_\_\_\_\_

# Measure It!

Gather 6 small objects from around the house and list them in the "Object" column. Estimate the length of each object without using a ruler. Then, use the inches side of a ruler to determine the length to the nearest half inch.

| Object | Estimated Length | Measured Length |
|--------|------------------|-----------------|
|        |                  |                 |
|        |                  |                 |
|        |                  |                 |
|        |                  |                 |
|        |                  |                 |
|        |                  |                 |

**How did your estimates compare to the actual measured lengths? How did you come up with your estimates?**

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Name: \_\_\_\_\_

# Measure It!

Gather each object from the table below. Estimate the length of each item without using a ruler. Use the inches side of a ruler to determine the length to the nearest half inch. Then, use the centimeters side to measure to the nearest cm.

| <b>Object</b>                      | <b>Estimated Length</b> | <b>Measured Length in INCHES</b> | <b>Measured Length in CENTIMETERS</b> |
|------------------------------------|-------------------------|----------------------------------|---------------------------------------|
| <b>Toothbrush</b>                  | in.                     | in.                              | cm                                    |
| <b>Height of a Coffee Mug</b>      | in.                     | in.                              | cm                                    |
| <b>TV Remote</b>                   | in.                     | in.                              | cm                                    |
| <b>Length of Toilet Paper Roll</b> | in.                     | in.                              | cm                                    |
| <b>Length of Your Pinkie</b>       | in.                     | in.                              | cm                                    |
| <b>Marker</b>                      | in.                     | in.                              | cm                                    |

**How did your estimates compare to the actual measured lengths? How did you come up with your estimates?**

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Name: \_\_\_\_\_

# Measure It!

Gather 6 small objects and list them in the table below. Estimate the length of each item without using a ruler. Use the inches side of a ruler to determine the length to the nearest half inch. Then, use the centimeters side to measure to the nearest cm.

| Object | Estimated Length | Measured Length in INCHES | Measured Length in CENTIMETERS |
|--------|------------------|---------------------------|--------------------------------|
|        | in.              | in.                       | cm                             |
|        | in.              | in.                       | cm                             |
|        | in.              | in.                       | cm                             |
|        | in.              | in.                       | cm                             |
|        | in.              | in.                       | cm                             |
|        | in.              | in.                       | cm                             |

**How did your estimates compare to the actual measured lengths? How did you come up with your estimates?**

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Name: \_\_\_\_\_

# Measure It: Metric

Gather each object from the table below. Estimate the length of each item without using a ruler. Then, use the centimeters side of a ruler to determine the length to the nearest centimeter.

| Object                      | Estimated Length | Measured Length |
|-----------------------------|------------------|-----------------|
| Toothbrush                  | cm               | cm              |
| Height of a Coffee Mug      | cm               | cm              |
| TV Remote                   | cm               | cm              |
| Length of Toilet Paper Roll | cm               | cm              |
| Length of Your Pinkie       | cm               | cm              |
| Marker                      | cm               | cm              |

**How did your estimates compare to the actual measured lengths? How did you come up with your estimates?**

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Name: \_\_\_\_\_

# Measure It: Metric

Gather 6 small objects and list them in the table below. Estimate the length of each item without using a ruler. Then, use the centimeters side of a ruler to determine the length to the nearest centimeter.

| Object | Estimated Length | Measured Length |
|--------|------------------|-----------------|
|        | cm               | cm              |
|        | cm               | cm              |
|        | cm               | cm              |
|        | cm               | cm              |
|        | cm               | cm              |
|        | cm               | cm              |

**How did your estimates compare to the actual measured lengths? How did you come up with your estimates?**

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