## 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!

n, use the inches side of a rule

using	garder. Hor	Hear		Measurea
_		Esti	mated Length	-
_	Object	$\Gamma$	inches	\
	Toothbrush	1	inche	s
1	Height of a Coffee	1	Inche	1-1
1.	Mag	+	inch	es
	TV Remote	4		
1	Length of Toilet Pap	er	inc	hes
١.		$\neg$	in	ches
١.	Length of Your Pir	kie		
			1	nches
	Marker	- eth	mates compare	to the ac
	L did your	6211	I WOU COME UP	-

Measure It!

Gather each object from the table below. Estimate the length of each tite our object from the lause below. <u>Salatable</u> the length of the nearest use the Inches side of a ruler to determine the length to the neares e the centimeters side to measure to the nu

Estimated Length in INCHES	_		Name:	Measure It!	her each object from :
in.	_	out e	ength of each Item witho efermine the length to the	ne table below. <u>Estimate</u> the le e inches side of a ruler to de nearest half inch.	
	-	ħ	Measured Lengt	Estimated Length	Object
in.	L	es	inche	inches	
in.	T	+	hata	inches	
in.	+	s	inche	la d	
	$\Box$	s	inches	inches	
in.	e	1	inches	inches	
in.	7	1	inches	inches	
tes compare to th	_			la chan	

tid your estimates compare to the actual measured and your estimates compare up with your estimates? How did your estimates compare to the actual me

Measure It: Metric

Measure It!

Or di dia	Estimated Length	Measured Ler
Object	Estimated Length	
	1	
How did your est	imates compare to the	ne actual me your estim



# 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:_				

Gather each object from the table below. <u>Estimate</u> 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	inches	inches
Height of a Coffee Mug	inches	inches
TV Remote	inches	inches
Length of Toilet Paper Roll	inches	inches
Length of Your Pinkie	inches	inches
Marker	inches	inches


Gather each object from the table below. <u>Estimate</u> 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.

Tiest est tien interior							
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 action							

Name:					

Gather each object from the table below. <u>Estimate</u> 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

lengths? How did you come up with your estimates?

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
	timates compare to the o	

Name:						

Gather each object from the table below. <u>Estimate</u> 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
Toothbrush	in.	in.	cm
Height of a Coffee Mug	in.	in.	cm
TV Remote	in.	in.	cm
Length of Toilet Paper Roll	in.	in.	cm
Length of Your Pinkie	in.	in.	cm
Marker	in.	in.	cm

lengths? How did you come up with your estimates?						

Name:						

Gather 6 small objects and list them in the table below. <u>Estimate</u> 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

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

lengths? How did you come up with your estimates?					

Name:_						

### Measure It: Metric

Gather each object from the table below. <u>Estimate</u> 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

lengths? How did you come up with your estimates?

Name:	

### Measure It: Metric

Gather 6 small objects and list them in the table below. <u>Estimate</u> 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