

SUBJECT: MATHEMATICSLESSON PLANTOPIC: LONG AND SHORTCHAPTER NO : 4

<u>PRE CONTENT / CONTENT / POST CONTENT</u>	<u>LEARNING OUTCOME / OBJECTIVES</u>	
<u>LONG AND SHORT</u>	<u>GENERAL</u>	<u>SPECIFIC</u>
<u>PRE-CONTENT</u> - Need for standard units of measuring length <u>CONTENT</u> - Standard units - Measurement using scale - Objects with different units of measuring length <u>POST CONTENT</u> - Relate to daily life	Students will be able to :- relate the need for measuring things. identify the standard units of measurement of length. identify markings used to measure length represented on scale. relate the units and convert from higher unit to lower unit. list out the various real life situations where measurement of length is needed.	Students will be able to :- evolve the need for measurement of length. observe and identify the use of measurement in our daily life. differentiate between standard and non-standard units of measurement. recognize the tools used for measuring length. distinguish between different objects on the basis of its different measuring units and apply the knowledge in daily life. measure different objects different everyday situations.

Home Work / Assignments

- Problems from Math Magic.

AND PROGRESSMONTH : JANUARYCLASS : III

<u>TEACHER'S ACTIVITY</u>	<u>STUDENT'S ACTIVITY</u>	<u>TEACHER'S OBSERVATION & REMEDIAL</u>
Teacher will : conduct an activity using a piece of rope and asking students to measure it with hand spans with different students followed by showing an audio visual clipping using the ICR content emphasizing on the need for measuring things using standard units. create a flow chart interlinking all the standard and non- standard units used in measurement. Also introduce metre as standard unit of measuring length. <u>ANNEXURE 4</u> conduct an activity to demonstrate the use of scale in measuring things. show images of various objects and estimate their lengths using different units of measurement. extrapolate the concept of measuring things in daily life situations.	Students will : observe that different students get different number of hand spans with the same piece of rope and understand the need to measure things , relate the units used to measure length. compose their own different ways to memorize the flow chart and list out the names of the things from the surroundings which are less than or more than a metre. <u>ANNEXURE 4</u> perform the activity and complete the NCERT book problems in the textbook Pg – 48 to 51. classify the objects on the basis of its measuring units and solving the problems given on pg- 56 to 58 apply the concepts taught in real life situations.	Teacher will write his/her observations after the completion of the topic/s.

Teaching aids– Pencil, Eraser , Smart Board, Internet, Textbook- Math Magic and Scale.

Methodology– From known to unknown (deductive),Peer learning, learning by doing(activity method) and Digital Technology.

Interdisciplinary Links – Students will develop the value of measuring and conservation of resources.

Coordinator

HOD

Headmistress

Principal

ANNEXURE 4

LONG AND SHORT

SUBJECT	MATHEMATICS
CLASS	III
CHAPTER/UNIT	LONG AND SHORT
TOPIC	MEASUREMENT OF LENGTH
TIME	30 MINUTES
NATURE OF ACTIVITY	GROUP

What will I learn(Learning Outcome)?

Measurement of real life objects using ruler.

Skills: Applying, Evaluating, Accuracy and Precision.

What I have to do?

To measure different objects using ruler.

What do I require?

Ruler, different objects like book, pencil, eraser, sketch pens, A4 size sheet and glue sticks.

What do I need to know?

Units used for measuring length.

➤ Teacher's Activity :

The teacher will demonstrate how to use a scale , measure length of anything and also divide the class in groups of 3 members each.

How will I proceed ?

➤ Student's Activity :

- 1) Student A from each group will measure the length of their pencil.
- 2) Similarly, student B and Student C will measure the length of sketch pen and length of the book respectively.
- 3) Record the observation in the table.

What have I observed ?

Object Name	Measurement (in cm)
1) Pencil	
2) Sketch Pen	
3) Length of book	

What have I learnt?

Identify different units used to measure length and distinguish between the long objects and short objects through actual comparison.

What am I curious to know?

What will be the length of my arm and my friend's arm?

Let me evaluate myself

Q1) Search the following real life objects and measure them using centimeter ruler and write their lengths in centimeters.

- (i) An eraser = _____ cm
- (ii) Length of a pencil box = _____ cm
- (iii) Length of a crayon = _____ cm
- (iv) A paint brush = _____ cm

Q2) Write the correct abbreviation for the different units of lengths in the blanks.

- (a) Meter = _____
- (b) Kilometer = _____
- (c) Centimeter = _____