

MEASUREMENT (LENGTH)

10.16.2018

Subject

Basic Science

Prepared By

[Instructor Name]

Grade Level

2

Overview

This lesson plan covers teaching content for;

1. Measuring Length.
2. Metric Units of Measuring Length.

Teacher Guide

Objectives

Students will be able to:

1. Measure and estimate lengths using inches and feet.
2. Use standard measures of length and use rulers to measure.
3. Use measuring tape to collect measurement data.
4. Name the instruments for measuring length.

Information/Instruction

1. First, have them look at the size of the ruler and note the numbers on both sides.
2. Tell students that today they will be using a ruler to measure

Day 1/Lesson 1- 15 Mins

1. Have students partnered up and measure 10 things around the room (Ensure that there are several objects in the classroom).
2. Ask the pairs to write down what they measured and the measurements.
3. Have students share some of the different items they measured and their measurements.

Day 3/Lesson 3- 20 Mins

1. Hand out a cardboard to each group.
2. On the cardboard, have students draw a rectangle on paper and identify the sides of the playground that they will measure when they are outside.
3. Instruct students to take the cardboard, paper, pencil, and measuring tape outside.
4. When outside, have groups work together to measure the length and width of the playground.
5. Tell them to write the length and breadth of the playground on the rectangle in the card board.

Guided Practice

Day 2 / Lesson 2- 25 mins

1. Tell the students that you will use measuring tape to measure the width of the classroom.
2. Call on a student to be your partner. That student should hold the measuring tape in place at the wall of the classroom.
3. Demonstrate how to pull the measuring tape out, mark where you left off, and the measure again, adding the length of the measuring tape as needed).
4. Tell the students that they are going to measure the dimensions of the playground outside.
5. Divide students into groups of two to four.
6. Give each group a measuring tape and have them practice using it to measure objects around the classroom.

Day 4/Lesson 4- 25 Mins

1. Tell students that they will be measuring the classroom in feet, both the measurement unit and their own feet.
2. Show how to measure the whiteboard in feet (the measurement unit) and using your own feet (through steps).

Materials Required

- Rulers
- Pencils
- Paper
- Measuring tapes
- Random objects
- Cardboard

Additional Resources

- <https://www.teachingideas.co.uk/subje>
- https://www.teacherspayteachers.com/507507?utm_source=my%20blog&utm
- <https://www.wccusd.net/cms/lib/CA01>
- <http://www.scholastic.com/browse/ar>
- <https://www.teachervision.com/search>

Additional Notes

Teacher Guide

- using inches, a unit of measurement equal to 2.54 cm
3. Review with students how to use a ruler to measure feet and inches.
 4. Show students the measuring tape. Ask if anyone knows what it is or what it's used for.
 5. Explain that measuring tape is used to measure large items and spaces.

Guided Practice

3. Tell students that they are going to measure their tables using rulers and their own feet.
4. Hand out paper to the students and have them fold their piece of paper in half lengthwise.
5. On the top of the right side have students write "Feet" and the left side "My Feet."
6. Have students record the length of their tables in both measurement feet and human feet, again including inches and feet if necessary.
7. Have students work in groups of two to four students to measure the length of the classroom using both measurement feet and human feet.
8. Tell them to record their measurements on a paper.
9. Now have the students repeat this process to measure the width of the classroom.

Assessment Activity

1. Circulate and provide support where needed.
2. Make sure that your students are using their rulers from the correct side.
3. Assess the students by their recorded measurements and the correctness of their

Assessment Activity

1. Ask your students if they had a hard time measuring anything and why it could've been difficult. Example: students may have tried measuring something long, such as a bulletin board, with a ruler, and had a hard time keeping exact measurements.
2. Have students share their measurements with the class.

	Teacher Guide	Guided Practice
work.		
Summary		