

Mathematics Lesson Plan (Standard 5 students)

Topic: Mass

Date:

Time:

Unit: Compare mass of objects

No. of Students: 34

Lesson Objectives:

1. Pupils are able to measure, read and record masses of objects in kilogram and gram using the weighing scale.
2. Pupils are able to determine how many times the mass of an object as compared to another.

Instructional

Materials:

1. Weighing scale
2. Packet food
3. worksheet

Focus of This Lesson:

1. Measure and record mass of objects in kilogram and gram.
2. Compare the masses of 2 objects using kg and g, stating the comparison in multiples or fractions.

Sequence of Teaching Activities:

1. Teacher displays packet foods on the table. Then she asks the students what characteristics (types of food, price, and quantity) they will consider of when buying things while shopping. Teacher discusses with students and brings their awareness to mass.
2. Students are divided into 6 groups. Each group of students are given 5 packets of food. They are asked to measure, read and record the masses of packet foods on the worksheet.
3. Each group of students is asked to present their worksheet on the blackboard. Teacher compares and checks their answers.

4. Teacher asks the students to compare the masses of two packet foods by asking question: “which packet food is heavier?”, “how many times the mass of sugar as compared to the mass of rice?” and “what is the fraction of mass of red beans as compared to the mass of green peas?”.
5. Teacher encourages the students to compare mass of any of the two packet food freely and find the comparative mass answers.
6. Then students will demonstrate their answer on the blackboard. This step will ensure the students’ understanding on the concept of comparative mass, further assess and correct students’ answer.
7. Teacher explains in detail about the strategies of finding the correct answer to strengthen and enrich their skills of comparing mass.

Possible Questions for discussion:

1. What do you think about this lesson?
2. What can the students learn from this lesson?
3. Which activities engage the students? Please give some examples.
4. Do you think the teacher’s questions stimulate students’ thinking? Give some examples.
5. Do you think the teacher had achieved the lesson objectives? Why?
6. Given a chance, do you teach the lesson differently? What materials would you choose to teach the lesson?