Std: V

Subject: Math

Sr.no of the Lesson: 14

Name of the Lesson: **How Big? How Heavy?**

Name of the Teacher: Ninoshka V Cotta Do Rego

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| Sr. No. | Time | Competency | Learning Activities | Materials | Learning Outcome | Formative assessment |
| 1 | 35 min | Concept of volume and weight | Tr. Shows an empty container to the students and ask for their observation. Then she fills the container with sand/water and asks the student to interpret.  Tr. hangs handmade weighing balance. Tr. Ask a student to place a chalk in one of the weighing plate. The student relates his/ her observation. | Container, sand/water, weighing balance, marble, chalk etc. | Learns about volume and weight | To find the weight and volume of different objects. |
| 2 | 35 min | Comparison between Volume and weight | Tr. Provides the group with coins (similar size) made of cloth and metal. The group compares the given coins.  Similarly block of thermocol and wood/ stone and ball etc. | Stone, ball, coins, thermocol etc. | Learns the difference between volume and weight. | To difference between volume and weight at home. |
| 3 | 35 min | Comparing quantities | Tr. Provides the group with measuring cylinder of one litre and syringe of specified ml. The group fills the measuring cylinder with water using syringe. The group also finds the number of paisa that makes one rupee coin. Similarly for other quantities such as kilogram and kilometre. | Measuring cylinder, syringe, tape, kilo/ gram weights, paisa coins etc. | Learns the relation in comparing quantities | Create a table on conversion of quantites. |