Std: V

Subject: Math

Sr. No. of the lesson: 5

Name of the textbook: Math- magic book five

Name of the lesson**: Does it look the same?**

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 symmetry | Tr. places some pictures on the board, ask the students to separate those pictures that can be divided into equal halves. | Cut-out of a house, dove, cap, arc, telephone, scissor, spoon etc. | Learns the meaning of symmetry.  Applies the concept by listing symmetrical things present in class/ school. | To list out the symmetrical items at home. |
| 2 | 35 min | Symmetrical and Asymmetrical geometric figures | Tr. divides the students into groups, provides each group with two cut-outs of different figure.  Each group have to classify the figures as symmetry or asymmetry figure and also specify the number of line of symmetry. | Cut-out of square, rectangle, types of triangle, rhombus, trapezium, circle, etc. | Gains knowledge of symmetry/ asymmetry figures and learns the number of lines symmetry displayed by the figure. | To classify the English alphabet based on the number of lines of symmetry. |
| 3 | 35 min | Concept of Mirror halves of symmetrical patterns | A student places a cone/figure over the mirror; explains his/her observation. Similarly English alphabet/ figure cut-outs are aligned near the mirror and the students have to draw the image formed on the mirror. | Mirror, Triangle cut-out, alphabet cut-outs, various shapes etc | Student is able to interpret and draw the shape formed on the mirror. | List the numbers that looks the same on the mirror. |
| 4 | 35 min | Concept of rotational symmetry | Tr. places a shape over a handmade rotational clock (labelled with ¼, ½, ¾ and full turn), turns the shape to the specific turns and ask students to interpret the shape formed. | Rotational clock, figures (triangle, cone, irregular shapes) etc. | Learns the shape formed at specified turns. | To complete the given pattern based on specified turns. |