**Std-** V

 **Subject**- Maths

 **Sr.no of the Lesson** –

**Name of the textbook**- Math- Magic Book Five

 **Name of the Lesson** – Mapping your way

**Name of the Teacher**- Belinda Fernandes

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| SR. NO | TIME | COMPETENCY | LEARNING EXPERIENCES/ ACTIVITIES | MATERIALS/ RESOURCES | LEARNING OUTCOMES | FORMATIVE ASSESSMENT TASKS |
| 1 | 35 min | * Importance of a map.
* Difference between a photo and a map
* Locating places on a photo as well as a map.
 | Students are asked to locate some places on the map. Tr shows a picture and ask the students to draw a map using the same. | A photo and a map of the area around Rashtrapati Bahavan will be displayed on the screen coloured chalks, pencil, paper, ruler, eraser etc. | Observes identifies locates draws interprets | Students draw map on their book and answer the questions given by the teacher |
| 2 | 35 min | * Identification of difficult geometrical shapes made by the roads.
* Types of angles made by the roads
* Conventional direction
 | Tr. shows different geometrical shapes and students are asked to name them.Teacher draws different types of angles on the board and students are asked to name them. Tr points the angles in the map and ask the students to identify and name the type of angle in the map. Students mark the right angles acute angle and obtuse angles in the map. Student identifies the geometrical shapes in the map. | Different geometrical shapes flannel board.map1, map2, markers of different colours, LCD projector, Screen, Laptop. | Identifies, labels, observes | Tr. gives a simple map and students are asked to mark the angles and name the angle also to find the other geometrical shapes in the map. |
| 3 | 35 min | Scale:* Use of a scale in a map
* Conversions as per the given scale
* Need of reducing the size of a plate when shown on a paper.
 | Teacher explains that the distanceis measured in cms on a paper and the same distance is measured in Kms on the ground students are asked to measure the distance between the places using a ruler and convert the measurements in cms to kms.Teacher explains the term scale and is used to reduce a big area by a fixed ratio so that the relative distances and positions remain the same. Students converts the distance in cms on the paper into Kms on the ground by observing the scale. | Map3 and Map4 | Measures and converts | Teacher gives a map with a given scale. students are asked to measure the distances. |
|  |  | Enlarging and reducing pictures and maps using scale. | Students are asked to draw pictures on $\frac{1}{2}$ cm grid and 1cm grid as they are given on 1cm grid.Teacher relates the size of the grids to the scale.Using the same example to write a scale for each grid. | Grids of $\frac{1}{2}$ cm ,1cm and 2cm.Pictures of a lamp, leaf and a car. | Draws converts comparesconcludes | A map on page 120 in a small grid is asked to be drawn in a larger grid given on the text book using pencil. |
|  | 35 min | Floor maps | Teacher explains the floor maps student draws the floor map of their classroom.Repsernts the windows , door, benches, blackboard with different symbols. | Ruler, coloured chalks. | Observes draws. | Draw the floor map of your sitting room. |