

<u>PRE CONTENT / CONTENT / POST CONTENT</u>	<u>LEARNING OUTCOME / OBJECTIVES</u>	
<u>MAPPING YOUR WAY</u>	<u>GENERAL</u>	<u>SPECIFIC</u>
<u>PRE-CONTENT</u> - Brainstorming session will be taken up to recall direction sense <u>CONTENT</u> - Mapping <u>POST CONTENT</u> - Apply mapping in real world	Students will be able to :- recall the 4 main directions. explore the different routes of a place in a map. judge the scale used in the maps identify the location of various states of India. apply the topics learnt in interpreting the maps in real life.	Students will be able to :- identify the sub-directions. identify the various types of angles formed in the map. compare the actual distance and estimated distance with the help of the scale provided. develop direction sense and mark the states in various parts of India. develop the direction sense and create different sketches or maps of their own..

Home Work / Assignments

- Problems from Math Magic.

<u>TEACHER'S ACTIVITY</u>	<u>STUDENT'S ACTIVITY</u>	<u>TEACHER'S OBSERVATION & REMEDIAL</u>
Teacher will : draw the chart depicting all the 4 main directions along with the 4 sub – directions. illustrate the problems given in textbook in Math Magic Pg -114 & 115. introduce the comparison of actual distance and scaled down distance on the map. ANNEXURE 8 conduct an activity to develop direction sense in students through learning by doing. summarize the whole chapter solving the questions with some direction related logical reasoning questions and ask the students to create a map of either their school or classroom.	Students will : recall the main directions and draw the chart in their notebooks as shown by the teacher. recognize the different routes shown in the map and answer the questions given in the book on Pg – 114 & 115. understand and solve the problems given in the NCERT book Pg – 118 to 120. ANNEXURE 8 perform the activity and solve questions given in Math Magic Pg – 121 & 122. solve the questions given in the book on Pg – 124 & 125 to strengthen their concepts and create their own maps as guided by the teacher.	Teacher will write his/her observations after the completion of the topic/s.

Teaching aids – Textbook- Math Magic , Indian Political Map, Smart Board, Internet , colors and colored paper.

Methodology – Deductive Method, Peer learning ,play way method, Activity method and Digital Technology.

Interdisciplinary Links – Direction sense, application of maps in daily life.

HOD

Coordinator

Headmistress

Principal

ANNEXURE 8

MAPPING YOUR WAY

SUBJECT	MATHEMATICS
CLASS	V
CHAPTER/UNIT	MAPPING YOUR WAY
TOPIC	DIRECTION SENSE
TIME	30 MINUTES
NATURE OF ACTIVITY	INDIVIDUAL

What will I learn(Learning Outcome)?

Enhancing the direction sense

Skills: Remembering , Applying , Analyzing

What I have to do?

To enhance my direction sense by locating places on Indian Political map.

What do I require?

An Indian Political map, A4 size sheet, colours , pencil, eraser , ruler etc.

What do I need to know?

Knowledge of Indian states and their capitals along with correct spellings.

➤ **Teacher's Activity :** Teacher will:

- provide the colour code as shown in the table below.

<u>For North</u>	<u>For South</u>	<u>For East</u>	<u>For West</u>
Yellow	Green	Blue	Orange

How will I proceed ?

➤ **Student's Activity :** The students will :

- 1) take an Indian Political Map of India and paste it on A4 size sheet.
- 2) mark Delhi with red colour.

- 3) use the colour scheme given by the teacher to mark and colour 2 states each in North, South, East and West direction of Delhi.
- 4) write the names of the marked states and its capitals in the observation table.

What have I observed ?

<u>DIRECTION</u>	<u>Name of the states</u>	<u>Name of the Capital</u>
To North of Delhi		
To South of Delhi		
To East of Delhi		
To West of Delhi		

What have I learnt?

Locating places on a map.

What am I curious to know?

Is there any other direction apart from the directions used in the above activity?

Let me evaluate myself

Q1) Rahul walked 40 m towards North, took a left turn and walked 20 m .He again took a left turn and walked 40 m .How far and in which direction is he from the starting point? (Choose the correct option from the following)

- | | |
|----------------|---------------|
| (a) 40 m North | (c) 20 m East |
| (b) 20 m West | (d) 40m South |

Q2) Ravi is in the East of Mohan which is in the North of Sohan . If Rajeev is in south of Sohan , then in which direction of Ravi is Rajeev? (Choose the correct option from the following)

- | | |
|------------------|-------------------|
| (a) North | (b) South |
| (c) South - East | (d) None of these |