

# **\* 1. READING AND MAKING MAPS \***

No. of Periods : 6

Month : June

## **ACADEMIC STANDARDS TO BE ACHIEVED BY TEACHING THIS LESSON :**

### **I. Conceptual understanding :**

- ❖ Classify the different types of maps.
- ❖ Explain the reason why the buildings are not of actual size shown in sketch.
- ❖ Explain the need of scale to show the distance in map.
- ❖ Compare and contrast the symbols used in map.
- ❖ Explain why the actual distance on the earth is reduced.
- ❖ Explain the importance of symbols in preparation of maps.
- ❖ Explain the directions by observing the picture 1.3. from page no.3.

### **II. Reading the text (given), understanding and interpretation :**

- ❖ Comment on "Why it is important to mention the distance along with the sketch to reach Mallika's house?"
- ❖ Explain their opinion on the need of preparation of map and their usage.
- ❖ Comment on "Importance of directions, distance symbols in map".
- ❖ Read the text from page no.4 and comment on "distance - scale in map".

### **III. Information skills :**

- ❖ Collect maps of their village, mandal, district.
- ❖ Collect information related to the boundaries of their village, directions.
- ❖ Collect the other symbols used in maps.
- ❖ Collect the various types of maps.
- ❖ Complete the table of page no. 3 by observing the picture 1.2 from page no. 3.

### **IV. Reflection on contemporary issues and questioning :**

- ❖ Respond on the picture of google earth that shows their area.
- ❖ Explain the reason how maps are used in wars, natural calamities, aviation, shipping etc.
- ❖ Respond on the picture published in news paper on the approaching of monsoons.

## V. Mapping skills :

- ❖ Identify the directions in map.
- ❖ Draw the sketch of their class room, school, village etc.
- ❖ With the help of scale in map, students can calculate the actual distance between different places.
- ❖ Recognise the directions by facing the rising sun.
- ❖ Convert the sketch to map.

## VI. Appreciation and Sensitivity :

- ❖ Appreciate the efforts of persons who draw maps.
- ❖ Appreciate the method of using scale to show the actual distance in map.

## Period - wise division of Teaching Topics

Period	Topic of Teaching	Teaching strategy	Resources/ Materials for teaching	Understanding and Observation of students.
1.	<ul style="list-style-type: none"><li>❖ District map (political)</li><li>❖ A Game</li></ul>	<ul style="list-style-type: none"><li>❖ Mind mapping</li><li>❖ Discussion on key concepts</li><li>❖ Reading - Responding</li><li>❖ Questions - Discussion</li></ul>	<ul style="list-style-type: none"><li>❖ Andhra Pradesh map</li><li>❖ Globe</li><li>❖ Different types of maps. (Physical, political, historical)</li></ul>	<ul style="list-style-type: none"><li>❖ What is map ?</li><li>❖ Locate your mandal in district map.</li></ul>
2.	<ul style="list-style-type: none"><li>❖ Way to Mallika's house - Sketch - Map</li></ul>	<ul style="list-style-type: none"><li>❖ Questions on previous topic</li><li>❖ Map reading</li><li>❖ Reading Responding, discussion</li></ul>	<ul style="list-style-type: none"><li>❖ Sketch</li></ul>	<ul style="list-style-type: none"><li>❖ Why did Laila take lot of time to reach Mallika's house with the help of sketch?</li></ul>
3.	<ul style="list-style-type: none"><li>❖ Directions</li><li>❖ Directions on a map.</li></ul>	<ul style="list-style-type: none"><li>❖ Questions on previous study - Recapitulation</li><li>❖ Mind mapping</li><li>❖ Reading Responding</li><li>❖ Content analysis</li></ul>	<ul style="list-style-type: none"><li>❖ Map showing directions</li><li>❖ Political map of Andhra Pradesh</li></ul>	<ul style="list-style-type: none"><li>❖ To which direction is Vijayawada located to Nellore?</li><li>❖ Why should we show directions in map?</li></ul>



Period	Topic of Teaching	Teaching strategy	Resources/ Materials for teaching	Understanding and Observation of students.
4.	❖ 'Scale' or distance on a map.	❖ Question previous topic - Recapitulation ❖ Mind mapping ❖ Reading &- Responding	❖ Map with scale ❖ Sketch map	❖ Why should we show the reduced distance of actual place with the help of a scale in map ?
5.	❖ Symbols	❖ Mind mapping ❖ Reading the map Responding - Discussion.	❖ Chart showing the symbols	❖ Which symbol is used to show North direction in map ? ❖ Draw the symbol of temple. ❖ What are conventional symbols ?
6.	❖ Key words ❖ Improve your learning	❖ Questions - Discussion ❖ Project work ❖ Discussion in the whole class.	❖ Measuring tape	❖ Improving the skills of data collection and analysis. ❖ Drawing the map by measuring the actual distance with the help of scale.

◆ **Readiness of Teacher(notes) :**

(Additional information to be gathered by teacher, activities to be planned.)

- ❖ Collecting information about maps of different types from internet.
- ❖ Collecting symbols used in map.
- ❖ Collecting maps of village, mandal and district.
- ❖ Collecting information related to distance among different places.
- ❖ Downloading the video on reading of maps uploaded by Kotagiri Shekar Channel.

◆ **Teacher's response :**

- ❖ Self evaluation of teacher on his teaching experiences, activities, success/failure of his expectations etc.

Teacher's Signature

Signature of Head Master

Visitor's Signature