

A) General Information: -

1. Name of the Institute: DIET, Dilshad Garden

2. Details of the Investigator(s):

Name	Designation	Place of posting at the time of project completion	of Present place of posting	Contact No.	E-mail
1. Dr. R.K. Srivastava	lecturer	DIET Dilshad Garden	DIET Dilshad Garden	8448849727	rk.srivastava.1nov@gmail.com

3. Project/ Study Conducted Academic Session: 2014

4. Institute where Project/Study submitted: DIET Dilshad Garden

5. Theme of the Project/Study: Teacher and Teaching

6. Level of the study: school

B) Summary of the Conducted Research work/Project/Study: -

1. Title: Common Errors Committed On Map Based Concepts

2. Introduction: Geography involves a study of the relationship between man and the environment. Geography is an interdisciplinary subject. It includes natural and social sciences with their proper synthesis. The main aim of geography is to understand an area as a part of the earth's surface, in its totality as an animated aspect of nature's creation. There is no human activity which is not influenced by geographical factors. So the scope

of geography as wide as the earth. The study of geographical facts can also be carried easily and effectively through different types of tools such as Globe, Maps and Diagrams etc. Globe is effectively used as a model of the earth at upper primary level for teaching geography, but due to limited details on the globe, the study of map is more important. Map is defined as the representation of the earth's surface on a flat paper for the whole of the earth or part of it drawn with the help of conventional signs and on a scale. Maps are many different types depending on the scale and the geographical phenomena represented such as physical map, political map, cultural map, thematic map and topographical map, cadastral map, atlas map etc. The role of map is of supreme importance in the study of geography at different level. Geography is taught at upper primary level as one of the important component of social science. So the study of globe and map become of more importance at this stage of upper primary level in the school. Through this study we shall be able to know the understanding of the concept of map among the student of upper primary level in the schools at North, East Delhi.

3. Research Objectives: The main objectives of the study were:

- To find out meaning of concept of map.
- To identify common errors on map based concepts.
- To know the map skills.
- To suggest remedial measures.
- To identify the difficulty levels of map reading & labelling.

4. Research Design:

- **Research method(s):** Survey Method under descriptive research was used in this study.
- **Tools and techniques used:** Researcher developed a questionnaire to collect data of this study.
- **Statistical techniques:** Percentage was used to analyse the data.

5. Research findings:

- It was observed that 25% students showed very poor performance while about 15% students scored more than 71% marks in the component of “Concept of Map”.
- The analysis of total students is based on map skills is indicated that 86% of total sample scored below 40% while 27% students achieved more than 70% in developing map skills.
- It has been observed that the components of Map reading and Map labelling showed extremely poor.
- In whole, referring to the school wise performance, three schools out of all sampled schools showed poorest performance.

6. Educational implications:

- Orientation of pre-service trainees on map based concept. Development of map based activity book and worksheet for the students.
- There is a need of social science laboratory in every school with well-equipped different types maps, atlases, top sheets globe and models.
- Focus on intensive in-service orientation programme especially for non-geographically background on map understanding should be organized.

7. Scope of the study: Same study can be conducted in the district with different samples again. Same study can be conducted with larger sample to revalidate the findings. This study can be conducted in the different classes also.