



## **AN APPROACH TO USE THE MATHEMATICS TEACHING AIDS - A STUDY**

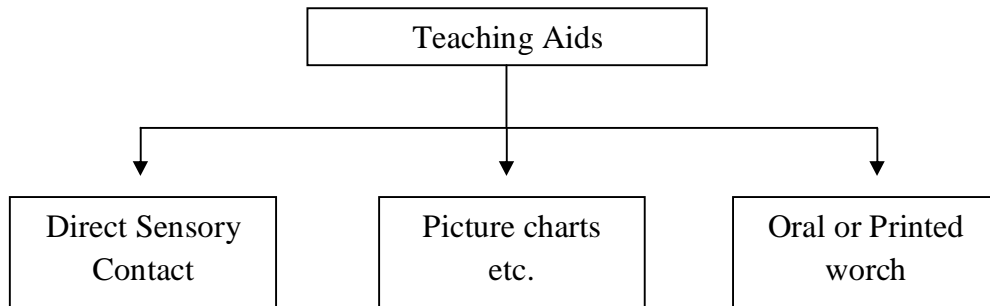
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### **ABSTRACT:**

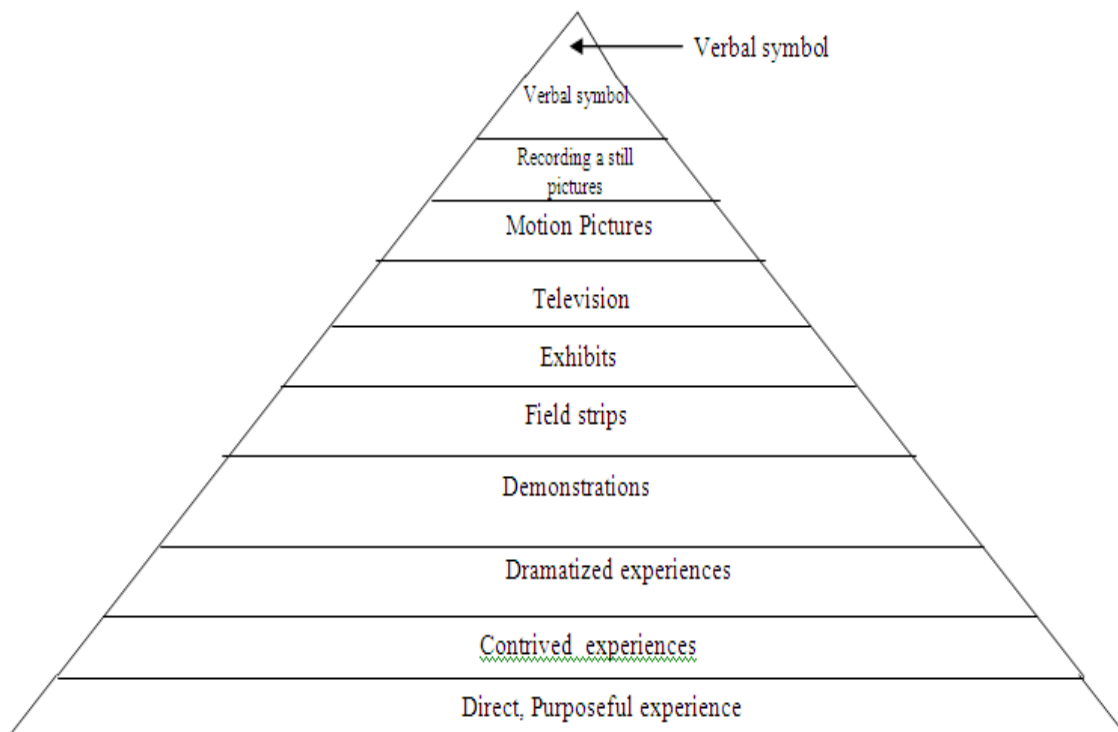
Teaching is a complex activity carried out in a social environment. Teacher has to interact with groups of students where the teaching has to students where the teaching has to interact with various teaching aids. Teaching aids should be used to supplement the process of teaching. A positive approach to mathematics teaching aid makes the teaching not only easier but also more satisfying and professionally rewarding. A negative, unfavorable attitude makes the teaching task harder tedious and unpleasant. Teaching aids should be used properly to make teaching more effective. Thus a positive approach of students teacher attitudes towards mathematics teaching has been attempted in this study.

### **INTRODUCTION:**

Teaching is a most difficult task and everybody is not fit to be a perfect teacher. Some teacher students may have a flair for teaching and such teacher students have the ability to awaken interest and arrest of the students. Some others who are not so fortunate can improve their teaching through practice if they are fully acquainted with various teaching aids of teaching. In order to make students learn effectively, teaching aid of mathematics teaching most of the teaching aids are sensory aids and their function is to make effective teaching.



The direct sensory contact and picture, charts are teaching aids are found to be more useful. It must always be remembered that a teaching aid should be used only to make class teaching more effective, teaching aids help in creating the interest of the student in the topic and activate the mental process of the students.



**By Edgar Dale**

According to Mr. Edgar Dale "The cone of experience is merely a visual aid in explaining the inter relationships of the various types of audio visual materials, as well as their individual positions in the learning

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process. Each division of the cone represents a stage between two extremes - between direct experience and pure and simple abstraction. Teaching aids help to have a clear conception of ideas, information, facts and principles. Teaching - learning process sense organs help us in understanding the environment about learning and in getting knowledge but the organs of hearing and seeing are the most important in this aspect. Most of the knowledge which we acquire from the school comes through our eyes and ears. All such teaching aids which endeavor to make the Mathematics teaching effective.

### **NEED FOR THE STUDY:**

Teaching aids help in creating the interest of the students in the topic and activate the mental process of the students. The student teacher gets an opportunity to get a firsthand experience by visualizing some concrete things, living specimens and actual demonstration. Teaching aids of mathematics help the student to develop a scientific attitude and is based on the principles of psychology Teacher students attitude towards teaching forms the major variable for the present study on mathematics method teacher students.

### **OBJECTIVE OF THE STUDY:**

- 1) To encouragement to student teacher to try out their ideas.
- 2) To assess the attitude of teacher students towards mathematics teaching aids.
- 3) To apply teacher student knowledge of mathematics into some creative aids.

### **RESEARCH METHOD:**

This study falls under the category of descriptive research. Thus survey method was adopted to carry out the work.

### **SAMPLE:**

In this study stratified random sampling technique was used to select the required sample of teacher students. There are 77 teacher students in teacher training institution 39 mathematics methodology teacher students were selected. The researcher wanted to measure the attitude of teacher students towards mathematics teaching aids.

**ANALYSIS:**

The data were analyzed by the use of simple descriptive statistics.

Table - 1

Particular	No. of teacher students	Percentage
Bulletin Board	35	89.74
Charts	30	76.92
Models	32	82.05
Magnetic Chalk Board	25	64.10

Table 1 shows the use of teaching aids in mathematics teaching. The sample consisted 39 teacher students. Out of 39 teacher students 35 were used a bulletin boards in teaching, the findings showed that 30 (76.92%) were used charts, 32(82.05%) models, 25(64.10%) magnetic chalk board were used in teaching.

**CONCLUSION:**

Teaching aids preferred which provide a stimulus to the students for greater thinking and activity. After a proper planning so that the teaching aid is used exactly at the point, in the process of teaching. To follow up programme follows the lesson where in a teaching aid has been used.

The teaching aids show the effective meaning of topic but without losing continuity and essence of development. The mathematics teacher impresses the students for a whole mathematics curriculum and imitating throughout the period.

**REFERENCES:**

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