



CLUSTER INNOVATION CENTRE
(UNIVERSITY OF DELHI)
M.Sc. (Mathematics Education)
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IMPACT OF VISUAL REPRESENTATIONS ON STUDENT LEARNING IN MATHEMATICS

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Abstract

Visual representation - Visual representation plays a very important role in student learning. Visual representation is that through which we can learn and think visually. Students can learn mathematics easily because it gives a relationship between the data and the picture. Visual elements such as charts, graphs, colors, etc., help us better understand quantitative data, enhancing our comprehension of the given problem's mathematical quantities and relationships.

The problem with the existing system is in the present system the teacher come into the class and start teaching about the topics and then taught the student through the question only one method they do not use graph and pictures or other things through which the student can learn easily integers. In the class, the teacher introduces to students with this definition of integer " The counting numbers are integers either positive or negative ". They should introduce to a student this definition of integer "The counting numbers either its positive, negative or zero which we can represent on a number line in the graph " This research happened because of the existing system of teaching of integers through which the student can not understand the concept of integers and how they capture this in their memory for a long time.

by

Mohit

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