

DEVELOPMENT AND VALIDATION OF MATHETICS STYLE PROGRAMME IN MATHEMATICS FOR GRADE IX STUDENTS

Assist. Prof. Dr. Kumari ANUPAM
Department of Applied Sciences & Humanities
Faculty of Mathematics
Baddi University of Emerging Sciences & Technology
Makhnumajra, Baddi (Solan) Himachal Pradesh 173205- INDIA

ABSTRACT

The purpose of this study is to investigate the effects of Mathetics style Programme in Mathematics. This research included 30 students of grade IX of DAV Public School Hamirpur (Himachal Pradesh). For this research students were supplied with the copy of programmed material having instructions in the beginning and the confirmatory responses were printed on the last page of the booklet. Immediately after the programme, a criterion test (CT) was conducted; in order to measure their learning outcomes in terms of scores obtained by them in CT. Descriptive survey method is applied to collect the data. The data collected shows that the Mathetics style Programme in Mathematics is very effective for the attainment of the calculative skills by the learners at their own pace. This method increases the academic achievements of the learners and very helpful in independent learning.

Key Words: Programmed learning, mathetics style programme, self learning, error rate, Mathematics teaching.