SELF DIRECTED LEARNING IN MATHEMATICS AT SECONDARY LEVEL

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ABSTRACT

The main objective of the study was to identify the self-directed learning and traditional learning in Mathematics at secondary level. An experimental research study was conducted to check the effectiveness of self-directed learning. For this purpose, the pretest-posttest Equivalent Group Design was used in the study. All students studying in 9th class district Swabi were considered the population of the study. GHSS Chanai was randomly selected as a sample of the study. Sixty students of 9th class of GHSS Chanai were given pre-test and then they were divided into two groups i-e experimental and control groups. A posttest was administered after 6 weeks of the treatment period. The difference between the Scores of pre-test and posttest of both groups were calculated by applying t-test and analysis of variance. Obtained data was analyzed, interpreted in tabular form. It was concluded that self-directed learning techniques was more effective as traditional learning of Mathematics.

Keywords: SDL, mathematics, learning,