



Effect of CAI exercises on the Students of Standard Eight

VAISHALI J. CHAUDHARI
Research Scholar,
Pacific University, Udaipur
Rajasthan (India)

Abstract:

The researcher decided to study the effect of CAI exercises on the students of standard 8th of Mehsana district. Therefore, the researcher constructed the tool of CAI learning package regarding the English subject of standard 8th. The sample was selected randomly for data assortment. t-test were applied in favour of analyzed the data. Null Hypothesis created to find out the significant different at 0.01 and 0.05 level of significant.

Keywords: CAI exercises, CAI package

1. Introduction

In the all subject of English, there are four basic skills for learning English. Among these basic skills to write English language without any spellings errors is most important part of written skill. It is very essential for the students that to write English language without the errors of spellings. Here the researcher has studied the effect of CAI exercises on the students of standard.8.

2. Objectives

1. To study the effect of CAI exercises of the students' achievement of standard 8th of Mehsana District.
2. To study the effect of CAI exercises of between the urban students' and rural students' of standard 8th.
3. To study the effect of CAI exercises of between the granted school students' and self finance school students' of standard 8th.

3. Hypotheses

- H₀₁:** There will be no significant mean difference will be shown in the mean score of CAI exercises test between the students of experimental and control group of urban area's students.
- H₀₂:** There will be no significant mean difference will be shown in the mean score of CAI exercises test between the students of experimental and control group of rural area's students.
- H₀₃:** There will be no significant mean difference will be shown in the mean score of CAI exercises test between the students of experimental and control group of the students of Granted school.
- H₀₄:** There will be no significant mean difference will be shown in the mean score of CAI exercises test between the students of experimental and control group of the students of Non Granted school.

4. Methodology of the study

4.1 Sample

Two schools were selected randomly of Balasinor district. Among these two schools one school was from rural area and one from the urban area. In this way, the researcher selected 60-60 students randomly from each school. Then after for the application of the treatment of CAI exercises, two equal groups (controlled and experimental) were prepared by the researcher.

4.2 Tool

CAI exercises test was prepared by the researcher, which contains 50 Questions among the first five chapters of English text book.

4.3 Statistical calculations

Statistical parameters like mean, medium, standard deviation, t-test were calculated for testing the hypotheses.

4.4 Data collection

To collect the data the researcher has made the CAI exercises test contains 50 questions of the first five chapter of English text Book of standard 8th. Pre test has been given o collect the score of pre test. After collected the score of pre test; the CAI treatment was given to the students of experimental group of CAI exercises for one week. After the period of one week, the post test of the CAI exercises was given to the students by the researcher for the collection of final score.

4.5 Data analysis

After collection of the data, the researcher has made frequency distribution by using proper scheme to convert response into score. With the help of frequency distribution. The researcher found out that mean and standard deviation. t- value were calculated for testing the hypotheses.

Table 1: Summary of Data Analysis

Group	Students	N	M	t-value	Sig./N.S.
Experimental	Urban	30	48.48	3.98	Significant at 0.01 level
Controlled		30	33.75		
Experimental	Rural	30	39.54	4.02	Significant at 0.01 level
Controlled		30	20.69		
Experimental	Granted	30	42.56	3.03	Significant at 0.01 level
Controlled		30	24.33		
Experimental	Non-Granted	30	41.89	3.54	Significant at 0.01 level
Controlled		30	27.76		

5. Findings

The findings of this present study are as under.

1. There is a Significant mean difference has been shown in the test of Spelling errors at 0.01 and 0.05 level of significance between the urban area's students of controlled & experimental group of standard 8th. The difference shown in favour of the students of experimental school.
2. There is a Significant mean difference has been shown in the test of Spelling errors at 0.01 and 0.05 level of significance between the rural area's students of controlled & experimental group of standard 8th. The difference shown in favour of the students of experimental school.
3. There is a Significant mean difference has been shown in the test of Spelling errors at 0.01 and 0.05 level of significance between the Granted school's students of controlled & experimental group of standard 8th. The difference shown in favour of the students of experimental school.
4. There is a Significant mean difference has been shown in the test of Spelling errors at 0.01 and 0.05 level of significance between the Non-Granted school's students of controlled & experimental group of standard 8th. The difference shown in favour of the students of experimental school.
5. So, finally the conclusion of the whole study has been found out that the effect of CAI exercises is increase the achievement level/score of the students.

References

1. Koul, L. (2009). Methodology of Educational Research. (4th Ed.). New Delhi: Vikas Publishing House.
2. McMillan, J. H., and Schumacher, S. (1989). Research in Education. (2nd Ed.) Virginia: Harper Collins Publishers.