



# An Effectiveness of Computer Assisted Language Learning strategy for some units in English Language

RAJSHREE P. PATEL

Research Scholar,

Dept. of Education, Ganpat University, Kherva

DR. TEJAL J. SHETH

Research Guide

Head, Dept. of Education, Ganpat University, Kherva

## 1. Introduction

The fundamental role of information and communication technology in the global economy where knowledge is becoming the primary engine of growth and development. They are so widespread that one feels outdated if not using them. The influence of these over powerful technological tools has pervaded all aspects of the educational business, and economic sectors of our world. There is no doubt that just as the computer has established itself firmly in the world of business and communication technology, it has also succeeded in acquiring a fundamental role in the educational process. This role is becoming more powerful as computers become cheaper, smaller in size, more adaptable and easier to handle. Computers are becoming more appealing to teachers because of their huge capabilities and extensive effectiveness.

Computer Assisted learning (CAL) is an innovative learning strategy, which is mainly used for interaction between a learner and a computer device. CAL software has 20 the packages for learning mathematics at secondary level students. Computer assisted learning package (CALP) helps to achieve the instructional objectives of individual learner at his own pace and abilities. The CALP is developed with self-instructional modules by the investigator.

COMPUTER ASSISTED LANGUAGE LEARNING is the acronym for computer assisted language learning and it is related to the use of computers for language teaching and learning. Significant use of CALL began in the 1960s. Since then; the development of CALL software has followed the changes in teaching methodologies. As teaching methods changed to audio-lingua and communicative approaches, CALL software included simulations and more interactive programs. Research has shown that learning strategies employed in CALL can affect the quality of learning the language. And for that purpose, it is necessary to know or identify the importance of Call-in higher teaching of English language. That is the reason, the investigator has selected the problem.

## 2. Importance of the Study

The domain of CALL in India is in need of more research. To the researcher's best knowledge, studies about computer-based instruction in India are not many. A (3) few studies about the use of CALL-in teaching English Language at International Baccalaureate learners have been conducted. It is anticipated that his study will shed light on the benefits of using computers in language learning in general, and in learning English language in particular. This study also attempts to bridge the gap between the theoretical and practical sides of using CALL in teaching English Language.

## 3. Definition of Key words

### 3.1 Computer Assisted Language Learning

A Computer Assisted Language Learning consists if text reconstructions exercise which can be used in several ways and with all kinds of written texts, parts of (4) course books, newspapers, articles, songs, poems, advertisements and even students' compositions.

#### 4. Variables of Study

**Table 1: Types of variables and level**

Sr.	Variable	Types of Variables	Level
1	Teaching Method	Independent	1.CALL programme 2.Traditional Method
2	Achievement	Dependent	-

#### 5. Objective of Study

1.To study the effect of achievement level on the mean scores of CALL software Programme.

#### 2. Hypothesis of the Study

1.There would be no significant difference between mean achievement scores of Apostrophes on post-test of experimental group and controlled group.

#### 3. Origin of the problem

In modernized areas of the world, almost every aspect of people's lives is affected in some way by computers. If you rely on retirement income, disability checks from government, tax and insurance refunds, or a host of other such payments, your receiving them is dependent on computers. If you are an employee, chances are that your payroll checks are computerized. Computers keep track of money deposited in banking institutions and the interest paid. They control countless devices in modem homes; such as those that generate electricity or purify water. They are a boon to doctors, clinics and hospitals in diagnosing health problems - and saving lives. Computers are used to monitor weather conditions and to keep airplanes from colliding in the air. The development of information Technology (IT) has permeated the application of computers in the learning process, which is generally known as Computer Assisted Learning (CAL). A computer as a medium is used for the sake of facilitating people in learning, such as learning a language. However, a computer is solely a tool and a medium, Hence, it is powerless and is totally dependent on the users. In this case, the computer is an intermediary; it is merely a part of the entire learning process. Recently, the numbers of English teachers using CALL has increased markedly. In addition, many articles have been written about the (62) role of it in English learning.

#### 4. Population

5.The population of the present study comprised of All the students studying in standard VIIth in English medium schools situated in Ahmedabad.

#### 6.Sample of the study

In present research the researcher has selected one English medium school purposively. From that school the researcher has taken students of VIIth class. The researcher has divided the both the division of class into controlled group and experimental group. There are 47 students in both divisions. Thus, the researcher has selected 94 students in sample.

#### 7.Research Tool

In present research the researcher has used CALL package prepared by Dr. Asha Anto.

#### 8.Research Method

The researcher has used experimental method in present research. The researcher has used two group post-test method.

## 9. Data Collection

In present research the researcher has used the experimental research method in research. The researcher has divided both the division in controlled group and experimental group. The researcher has applied traditional method in controlled group while applied CALL programme in experimental group for Apostrophe unit. After the completion of experiment the researcher gave posttest to both the group. Thus, the researcher has collected the data.

## 10. Analysis of the data

The researcher has used the mean, standard deviation and t score as a statistical technique of analysis of the data.

## 11. Testing of Hypothesis

The researcher has testing hypothesis as under.

**Table 2: Mean, achievement scores, standard deviation and t-value of groups of Apostrophe**

Group	Number	Mean	Standard Deviation	t value	Significance level
Experimental	47	35.89	8.33	4.26	0.01
controlled	47	28.98	7.35		

In above table the mean value of experimental group and controlled group 35.89 and 29.98 relatively and standard deviation of experimental and controlled group are 8.33 and 7.35 respectively. The t value is 4.26. which is higher than tabulated value 2.58 at 0.01 level. Therefore, we can say that there is significant effect of CALL programme.

## 12. Findings

The findings of present research is as under

- The mean score of experiment group is higher than controlled group therefore we can say that the effect of CALL programme is significant.

## 13. Educational Implications

From the findings of the present study following educational implications could be drawn.

- To bring innovation and to provide pictorial experiences, CALL Package can be operative and useful in class-room teaching.
- CALL Package is initiate beneficial to increase the students' concentration and interest. To satisfy the need of different types of learners especially slow learners, visual learners the teacher should use this method.
- The government can arrange training programmes for the teacher to develop such programmes.
- The teacher should be inspired to develop and to use Computer Assisted Language Learning Programmes.
- The CALL Package is very useful for self-learning, drilling, revision and diagnostic and remedial teaching in class-room.

## 14. Conclusion

This research permits us to reason that, these works of CALL in English language learning for example CALL Helped English Language Learning ought to be noticed exceptionally by the instructors when CALL is possessing our schools, our instructive framework, our general public also, our life overall.

### References

1. Charles Skinner. E. (2206); Educational Psychology; 4<sup>th</sup>edi, Prentia – Hall of indiaPvt. Ltd – New Delhi.
2. Garrett H.E. (1985) : Statistics in Psychology and Educat, Vakils. Ferrer and Simons Ltd. Bombay.
3. Hemamalini H.C. (2007). Reducing language stress to improve the process of learning English; Edutracks, Dec v-2007, Vol -7 No. 4
4. Young, D.J. (1991). Creating a low – stress classroom environment. What does language stress research suggest? Modern language journal.