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THE EFFECTIVENESS OF MULTIMEDIA PACKAGE IN TEACHING ENGLISH VOCABULARY AT HIGHER SECONDARY LEVEL

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ABSTRACT: -

The teaching of English Vocabulary is mainly based on presentation and practice. It is said that visual and auditory memories are very strong and permanent. The teachers give the meanings of English words in the mother tongue. So the students lose the opportunity to listen and vision of English words. What we see and hear we remember better than what we just talk about in the abstract. The Multimedia Package leads the students to learn English vocabulary with visual and auditory effect even without Present of teachers in the classroom.

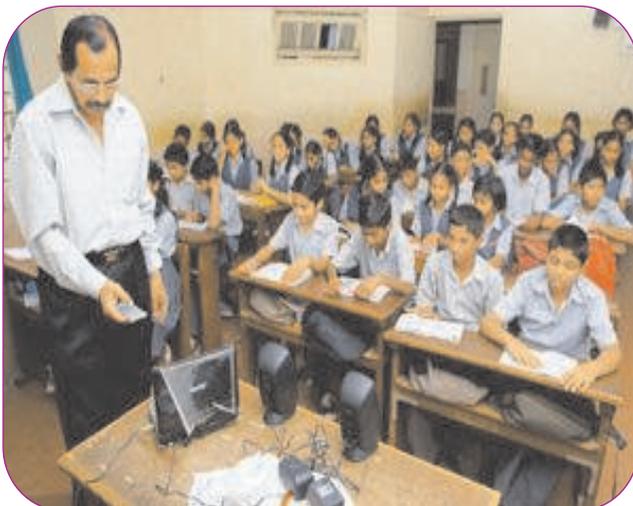
KEYWORDS: Effectiveness, Multimedia Package, Vocabulary, Higher Secondary.

INTRODUCTION :

Multimedia is a term which is used to describe the combination of two more media into a single package that are pictures, videos, sounds, animations and texts. It provides a clear cut idea to a large amount of audience about the subject matter. In the modern technology world, the multimedia package has made a milestone in the teaching English Vocabulary in the Higher Secondary level in Tamil Nadu.

Forms of Multimedia

The Multimedia package is an effective teaching material that helps both the teachers and learners to understand the subject matter very easy. As we are living in an age of science and technology, the utilization of modern technology in the classrooms has been getting more important.



Animation is a simulation of movement created by displaying a series of pictures or frames. It makes the teaching learning process very effective.

Image is a representation of the external form of a person or thing in art. It is one of the easiest ways that a teacher can utilize in the classroom at any time.

Audio is a term used to describe any sound or noise that is within a range the human ears is capable of hearing. A teacher can easily uses it in the classroom, now a day's mobile phone recorder plays an important role in

teaching learning process.

Video is an electronic media that makes recording, reproducing, or broadcasting of moving visual images. It is one of the very efficient and innovative devices that helps the teachers to make understand the subject matters to a wide verity of audience at a time.

Text is the main body of a book or other piece of writing, a book or other written or printed work, regarded in terms of its content rather than its physical form. The Newspaper is one of the great examples to explain the text materials both in updating the worldly messages and a very effective teaching material for teaching in the modern classrooms.

Need for the Study

In this cyber-age, the unprecedented growth of technology has started playing a prominent role in almost all spheres of knowledge. Hence there is an urgent need among the teachers to make use of newer and attractive techniques of teaching the subjects for a better understanding and application of knowledge and also for bringing about maximum learning outcomes. Therefore the investigator has selected the present study which focuses on the 'the effectiveness of Multimedia Package in Teaching English Vocabulary. In The 11th Standard English Text Book, there has been given more important to English Vocabulary. So the study has been getting more important.

Objectives

- To select a set of content in English Vocabulary at Higher Secondary level that is suitable to develop Multimedia Package.
- To develop a package of English Vocabulary based on the selected contests.
- To develop an achievement test in English Vocabulary at Higher Secondary level based on the selected content.
- To find out the Effectiveness of Multimedia Package in teaching English Vocabulary at Higher Secondary Level.

Methodology

The investigator selected two schools from Pudukkottai Educational District in Tamil Nadu for the research. After getting prior permission from the concerned school authority the investigator administered the achievement test to the selected sample of each school.

Sample

The investigator selected 11th standard students were chosen as samples. A pre-test was administered to the sample at the middle of 11th standard course. Required instructions were given to the students and the answer sheets were collected within the specified time. The responses were scored as per the scheme of valuation and this was treated as the pre-test scores of the samples and there ended the first phase of investigation. The study is being an experimental one, began by dividing the sample into experimental and control group. In the second phase of investigation, the 11th standard students of each school were divided equally into control group and experimental group in an impartial manner, purely based on their pre-test scores which did not show any significant difference between the groups.

Treatment of the Control Groups

The investigator had selected 11th Standard English Reader of Tamil Nadu State Board Samacheer Kalvi Text Book. The following Prose topics were taken to teach Vocabulary.

1. Born Voyage
2. Mercy and Justice
3. The Former

The investigator taught these units to the control group by traditional method. After the completion of the teaching session, the investigator tested the Vocabulary skill using the same pre-test questions and the scores of control group were noted. Special care was taken by the investigator in keeping away the control group from the experimental group to eliminate the impact of multimedia package among the control group students.

Treatment of the Experimental Group

The Experimental Group was also exposed to the teaching sessions on the Prose topics but through the Multimedia Package rather than the traditional method. At the end of the teaching sessions, the Experimental Group was also administered the same achievement test and the scores were noted. Thus the effectiveness of Multimedia Package in teaching English Vocabulary in Higher Secondary Level was investigated.

Selection of Sample

The subject of this study were 11th Standard students of Government Higher Secondary School Totally 74 students were selected for the study from the following schools

1. Government Modal Higher Secondary School, Pudukkottai.
2. Prahathambal Government Higher Secondary School, Pudukkottai.

Table – 1. Sample on the basis of different Schools

Sl. No.	Name of the Schools	Total No. of Samples		Total
		Boys	Girls	
1	Government Modal Higher Secondary School, Machuvadi, Pudukkottai	–	38	38
2	Prahathambal Government Higher Secondary School, Madurai Road, Pudukkottai	20	16	36
		20	54	74

Table:2. Sample Presentation

Sl. No.	Sample Group	Number of Samples		Total
		Boys	Girls	
1.	Control Group	10	10	37
2.	Experimental Group	27	27	37
Total Sample				74

Variables

The following variables were constructed for the present study.

1. Method of instruction
2. Sex
3. Academic ability of pupils.

Conducting the Test

One scholastic performance test in English Vocabulary was conducted by the investigator in the selected lessons. The test was constructed with a view of measuring the difference in learning outcomes when taught through traditional method and the Multimedia Package. A blue print was made and allotment of marks is done on the basis of objective and subjective questions, The questions were carefully selected keeping in view the

learning outcomes and other key factors to be evaluated.

Scoring Pattern

The responses given by the selected samples were evaluated by giving a score to each question, The achievement test prepared by the investigator had totally Two sections. Section-I had 12 ‘Choose the correct answer’ each scoring one point for correct answer. Section II had 13 ‘match the following’ each scoring one point for correct response.

Matching of two groups

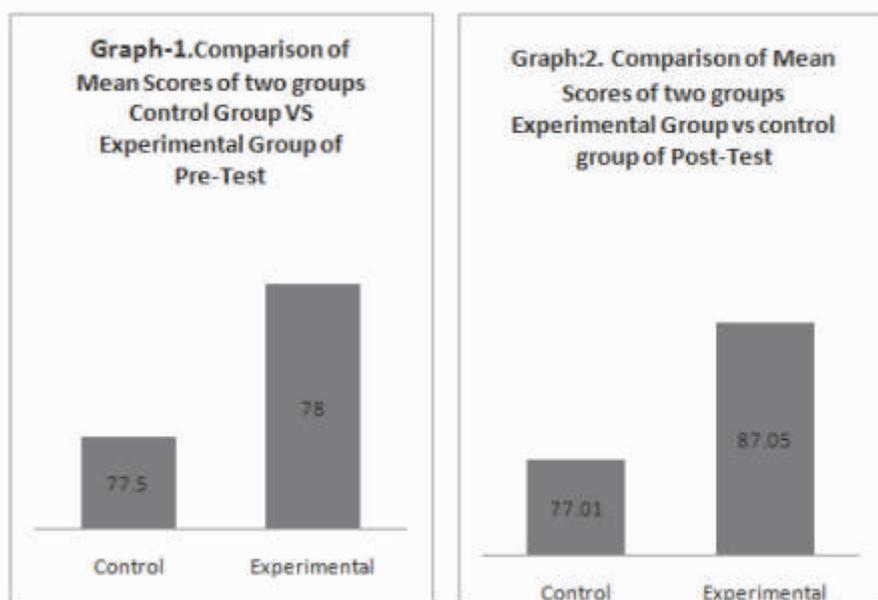
Table:3. Matching of Two Groups using Pre-test Scores.

Names of the group	N	Mean	SD	SED	d.f	M1 ~ M2	T
Control	37	77.5	10.1	2.26	72	0.5	0.22
Experimental	37	78	9.28				

Table: 4. Analysis of ‘t’ in the Control and Experimental group regarding the Post-Test

Name of the Group	N	Mean	S.D	SED	d.f	M1 ~ M2	T
Control	37	77.01	13.1	2.76	72	10.04	3.64**
Experiment	37	87.05	10.5				

Hence we can conclude that there is significant difference between the scores of students taught through traditional method and by Multimedia Package. The Multimedia Package has brought about positive impact on learning outcomes. (* = Significant at 0.05 level, ** = Significant at 0.01 level)



Finding of the Study

There is significant difference between the scores of students taught through traditional method and by using Multimedia Package. The utilization of Multimedia Package has brought about positive impact on learning outcomes.

Recommendation of the study

Teaching English Vocabulary through Multimedia Package can be utilized to all classes in all Schools.

Teachers may be given training in this regard. Especially for English teachers, this method may be more useful.

CONCLUSION

The technique of the use of Multimedia Package has a positive effect on teaching English Vocabulary at Higher Secondary Level. The Pupils who were taught through the Multimedia Package in the experimental group performed better than the pupils taught through traditional method of teaching.

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