



Construction and tryout of Multimedia Package for the selected topics in the Subject of Elements of Book-Keeping and Accountancy of Standard 11

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Abstract:

In this study, the investigator has prepared various teaching tools, Download picture from internet, charts, Power point presentation, models etc. to properly explain the contents of the unit. The integration of such educational tools is called Multimedia.

Keywords: *Book-keeping & accountancy, Multimedia package*

1. Introduction

Multimedia package is a meaningful integration of media. The idea behind this package is to select more than one media, by keeping in mind content of a subject and conduct education or teaching of the content with the help of the package of the media. But a package cannot be prepared by integrating only the attractive media, but a whole package is necessary for selecting appropriate media for communication of the of the points of the content and integrating the selected media.

In the multimedia package, the teaching is done by integrating various mass media like radio, tape recorder, slide projector, OHP , Computer, Charts, films etc. The teaching work becomes more effective with the help of such teaching methods.

2. Multimedia Package

Multimedia Package means a group of various educational materials, methods and techniques which become useful to a teacher in effective teaching work.

“The integration of various techniques and media at a place and at a time to teach various factors of curriculum is called Multimedia package”
-Michael Apter

3. Variable under the study

Independent Variable = Teaching Method

Dependent Variable = Educational achievement, Retention

Moderator Variable = Caste

4. Objective of the study

1. To prepare of multimedia package for the selected units of Element of Book-Keeping and Accountancy for Standard 11th
2. To study the effectiveness of multimedia package for the selected units of Element of Book-Keeping and Accountancy for Standard 11th
3. To study the effect of sex and area on the achievement of the students of experimental group.

5. Hypothesis of the study

- Ho₁** There will be no significant difference between mean scores of Unit test of Accounting from Voucher Unit of the experimental group and Controlled group of 11th Standard Students in the subject of Elements of Book-Keeping and Accountancy in Urban Area.
- Ho₂** There will be no significant difference between mean scores of Unit test of Accounting from Voucher Unit of the experimental group and Controlled group of 11th Standard Students in the subject of Elements of Book-Keeping and Accountancy in Rural Area.
- Ho₃** There will be no significant difference between mean scores of Unit test of Depreciation Accounting Unit of the experimental group and Controlled group of 11th Standard Students in the subject of Elements of Book-Keeping and Accountancy between male and female students..

6. Field of Research

The field of educational research is also very wide and vast. Investigator has prepared various teaching tools, Download picture from internet, charts, PowerPoint presentation, models etc. to properly explain the contents of the unit, so **Education Technology** is the research field of this research.

7. Scope and Sample of the Research

7.1 Scope

In this research, students of std.11 studying in Gujarati medium in Higher Secondary School from urban and rural areas of Ahmadabad district were selected as the scope of the research.

7.2 Sample

No.	Name of the school	Group	Boys	Girls	Total group	Total
1	Super High. Sec. School	Experimental	23	10	33	67
		Controlled	24	10	34	
2.	Akshay Vidhyalay	Experimental	15	6	21	43
		Controlled	16	6	22	
	Total		78	32	110	110

8. Research Tool

For the post test it was necessary to construct achievement test. The dependent variable of the study was educational achievement of the students. Therefore post test was prepared by the investigator based on Blue Print. The unit of Accounting from Voucher and Depreciation Accounting were selected to prepare Achievement Test.

9. Findings of the study

There is a significant difference between the means scores for both unit of the subject Element of Book-Keeping and Accountancy the achievement of the students of Experimental group and Controlled group of urban & rural area. A significant increase is found in the educational achievement of both the student of the experimental group.

There is no significant difference between the means scores of the achievement of the subject Element of Book-Keeping and Accountancy of Boys and Girls of Experimental group of the Rural & Urban area. Therefore, a similar effect of the experimental is found on both boys and girls of experimental group of Rural & Urban area.

There is no significant difference between the means scores of both post test and both retention test scores of experimental group of Rural area. This shows that retention is high due to Teaching method based on multimedia package.

10. Data Collection & Analysis of the Data:

After the selection of the student, the teaching work program to be given to experimental group and controlled group. The teaching work was given to experimental group through Multimedia Package and the teaching work was given to the controlled group through traditional method.

The post test was given to both the group. The score on post test were used for statistical analysis. Thus the data was numerical.

The T-test method was used and method uncorrelated t-test formula was used. Thus the difference between two mean scores was tested.

11. Conclusion

The aim of the present study was to improve educational achievement of the students and their progress day by day. It is necessary that student take interest in study and become more efficient A significant increase is found in the educational achievement of the student learn by the help of multimedia method.

By this study it can be concluded that Multimedia package for teaching skill is more effective than traditional teaching skill. The present study has certain limitation also. As an experimental study is new area few limitation are expected. Proof reading is being done of entire material through any error left is regretted.

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