



Development and Try out of Multimedia Package in the Subject of Social Science at std.: IX

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ABSTRACT

Today we are living in the era of Information Technology. Technology is developed to the extent that a second. We can get any information about the world. Because of globalization world has become small. And it's effect can be seen on educational field also. Today we can study from any educational institute of any country of the world by sitting at our home. For that many technological trolls are developed. Radio, Tape Recorder, T.V., Computer, Internet, L.C.D. Projector, etc. are the demand of the day. Today in every field the use of technology is expanding then how can we exclude educational field from it? How the use of these instruments have become necessary. It is advisable to use technology at school level for different educational purposes and the present study is an effort to prove this.

Introduction

Today the main problem of student is lac of interest in learning. In the present situation a student doesn't like to sit and learn in the classroom. Present teaching system in the school has become uninteresting & dry. To solved this problem we should start using different aids like chart, picture, models, tape, transparency, L.C.D. projector, T.V. etc. To show the importance of teaching aids in ed. Review of previously done researchers also proves that the use of audio-visual aids in the class room makes teaching learning process more qualitative, effective and interesting.

By the study of M.Ed. and Ph.D. and during the teaching of this subject at school level the researcher has found that students have less interest in this particular subject. Moreover during the lesson observations of B.Ed. trainees the researcher found that this subject is becoming non-interesting at school level. Human being is a social animal, he is attached with society. Social Science is subjects which attaches the students with society and tell about its importance. The researcher was worried that if the students will remain indifference to the subject that they will never come to know the essential importance of society. So, to make the

students take interest in this subject at secondary level and to make the teaching learning process effective and interesting the researcher has selected this subject,

By keeping in mind the following three bases the research was conducted:

1. To develop the students' interest in the subject and to make them use it in life.
2. By use of Multimedia Package in teaching the students will try to concentrate, the ed. will become interesting. Play while you learn and the knowledge got through this medium can become long-lasting.
3. Examples, models, years and other information can be explained effectively.

Statement of the problem

Development and Try out Multimedia Package in the subject of S.S. at std.-9

Definition of some terms included in the study

Multimedia Package: Sampath Phnniseran Santhnam c19810 Instruction to Ed1. Tech. has given the meaning of 'Instructional Media' as under: Gujarati

In the present study

Multimedia Package is a meaningful combination of different mediums. The central idea of Multimedia Package following medium are combined.

Medium1: Chart, Picture, models.

Medium 2: Tape – Transparency program

Medium 3: Self – learning material.

Medium 4: PowerPoint presentation

Try out

Any activity like physical skills, examination or psychological test's primary work is done on small scale. To decide the effectiveness std.9's student (girls) were given pre-test and post test.

Objectives of the study

1. To develop the Multimedia Package to teach different units of Social Science sub. of std.9.
2. To check the effectiveness of Multimedia Package.
3. To get the opinions of students about Multimedia Package.

Hypothesis

There will not be significant difference between the average score of pre test and post test of experimental group students.

Importance of the study

1. By the use of different audio-visual aids students can be kept active and there indifference and uninterested can be removed.
2. Through teaching the effectiveness of different medium can also be known.
3. Students will become familiar to different medium.
4. If this program will succeed, Multimedia Package can also be developed for other subjects who will help to make teaching easier.
5. The students getting board by the use of traditional method will develop interest in the sub. By the use of such audio-visual aids.

Limitations of the study

1. Only one school is selected from the schools of Surat city. Other schools of Surat city and rural area schools are not considered.
2. The students selected for tryout of the Multimedia Package were limited.
3. Multimedia Package was developed for some selected units only. Because of the time limit all the units of S.S. are not included.
4. Multimedia Package is developed in Gujarat language. So it would be limited only for Guj. State or the students knowing Guj. Language.
5. Pre-test, post-test and the opinioniare used in the study are developed by the teacher.

Universe and Sampling

In the study all the students of Gujarati medium of Gujarat state will be the universe.

For the experimental study std.9 students of S.P.Zaveri school, Surat were selected by using the purposive sampling method. These students were included in the experimental group.

Program for the experimental work

For the present study 60 students of std.9 of S.P.Zaveri school, Surat were selected for the experimental group. The group was given the pre-test and then it was taught with the help of Multimedia Package. After the try out of Multimedia Package post-test was given. After evaluating the score of pre and test 't' test was used to check to know its significance. After the experiment the group was given opinionaire for which x2 was used to find its value.

Analysis and interpretation for the data

In the present study students of std.9 of S.P.Zaveri school were given the pre-test prepared by the teacher. Then the teaching was done with the help of Multimedia Package and post-test was given. Then to know the values of pre and post test and its significance value and standard deviation were used.

Table – 1

Group	No. of Student	Before Experiment		After Experiment		t-Value
		Average	Standard Deviation	Average	Standard Deviation	
Experimental	60	10.00	2.95	21.17	2.65	21.90

As shown in the above table the mean of experimental group before the experiment is 10.00 and S.D. is 2.45. While after the experiment mean is 21.17 and S.D. is 2.65 and t-value is 21.90.

Significance at 0.01 level

Table value of 0.01 value is 1.96 while t-value got through the calculation is 21.90 which is more than table value. So, it is significant at 0.01 level. So, hypothesis -1 is accepted.

The students of experimental group were given opinionaire after the experiment and its x2 value was checked.

Table – 2

No.	Sentence Number	Agree	Neutral	Disagree
1	1	(55)(91.67%) 61.25	(01)(1.67%) 18.05	(04)(6.66%) 12.8
2	2	(58)(96.67%) 72.2	(02)(3.33%) 16.2	-----
3	3	(56)(93.33%) 64.08	-----	(04)(6.66%) 12.8
4	4	(41)(68.33%) 22.05	(03)(5%) 14.45	(16)(26.67%) 0.8
5	5	(57)(95.00%) 68.45	-----	(03)(5%) 14.45
6	6	(55)(91.67%)61.25	(01)(1.67%) 18.05	(04)(6.66%)12.8
7	7	(56)(93.33%) 72.2	(04)(6.67%) 12.8	-----
8	8	(53)(88.33%) 54.45	-----	(07)(11.67%) 8.45
9	9	(04)(6.67%)12.8	(01)(1.67%) 18.05	(56)(93.33%)72.2
10	10	(57)(95.00%)68.45	(03)(5%) 14.45	-----

Main findings of the study

1. The value of post-test was high than the pre-test of the students of experimental group. Which was taught with the help of Multimedia Package?
2. Teaching aids motivate the students for high score.
3. Teaching done with the help of Multimedia Package for S.S. sub. Was effective.
4. Through the opinionaire given to the experimental group's students. It is known that they like to learn through Multimedia Package.

Implication of the study

1. Multimedia Package is useful to students for self-learning.
2. Quality of education can be improved.
3. Multimedia Package can develop the interest of students and can solve the problem of fewer students in the class of S.S. subject.
4. Students can do self-learning in the free and convenient time.
5. At the secondary level this Multimedia Package can be cheaper compare to other program of the quality improvement.
6. Such Multimedia Package can be developed in regional language also.
7. Apart from S.S. Multimedia Package can be developed and used for other subject too.
8. Other units of S.S. sub. Multimedia Package can be developed.
9. It can be useful for the students of other medium and other schools.

Openionaire to check the effectiveness of Multimedia Package

1. Teaching done through Multimedia Package was much interesting and effective.
2. I was motivated to know new through Multimedia Package.
3. Content was divided in proper divisions in Multimedia Package.
4. Teaching of S.S. should be different than traditional method.
5. Learning through Multimedia Package was new experience for me.
6. Dry information can be made interesting through the use of Multimedia Package.
7. I will like to learn like this in the future also.
8. I will remember the knowledge got through Multimedia Package for long time.
9. Teaching through Multimedia Package is not fruitful.

10. Such Multimedia Package should be used in other sub. also.

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