



A Study of Effectiveness of Modern Teaching Methods in Social Science Subject of Standard 9

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1. Introduction

“The teaching method which focuses more on teaching the students for improving their intellect behaviour by using various new and innovative ideas rather than making them recite the syllabus to clear the examination with the same old style is Modern Teaching Methods in simple words.”

In the modern teaching method, curriculum teaching and planning are done keeping the learner as the primary target. Through this way, learners actively participate in the whole process to build their knowledge and sharpen their skills; this is also termed as a constructivist approach.

Teachers still use a conventional chalk-talk method in the classroom to teach students who can provide only basic knowledge of the subject. Their approach can no longer be used as this is outdated and with limited scope.

Social science learning skill is very necessary for the students of the present age as they have to compete with the world. There are many methods of teaching such as lecture method, assignment and project method etc. but out of these the best method of teaching specially teaching social science is important subject for learning. The students should not only learn the concept but also enjoying it and that too without feeling the burden of the same. In the experimental research carried out to test the effectiveness of modern teaching methods, the students were given the opportunity to learn from the best books and lecture method of teaching was applied in one section. While the students of other section were taught using the interactive story method shown to them on Smart Class.

2. Statement of Problem

Learning the concepts of in social science is essential. Thus, it is also essential to know how the modern teaching methods are effective in learning these concepts in comparison to the conventional or traditional teaching methods.

Problem statement of research study: "A Study of Effectiveness of Modern Teaching Methods in Social science Subject of Standard 9".

In the present research the study has been conducted to measure the effectiveness of the modern tools of teaching social science.

3. Definition of key words of the problem

3.1 Meaning of Modern Teaching Methods

The term ‘modern’ can be defined in simple words as most recent thing.

The ‘modern teaching methods’ is a learner-centered and activity-based teaching method which is used to get learners fully involved. It is called a **constructive approach** because it enables the learner to construct her/his knowledge and skills through active participation in the teaching-learning process.

4.Objectives

1. To study the effectiveness of modern teaching methods in context to certain unit of social science subject.
2. To prepare Post Test for certain units of social science for Standard 9.
3. To prepare and compare the scores of the post-test to assess the effectiveness of modern teaching methods in context to certain units of social science subject.

5.Variables

In the research conducted there are two independent variables namely modern teaching method and traditional teaching method, while there is one dependant variable that is scores of the post test of controlled group and experimental group

6. Hypothesis

The null hypothesis is formed by researcher are as follows:

H₀₁: There is no significance difference between the mean score of post test of controlled group and post test of the experimental group.

7. Population

In the present study all the students of Standard IX of Visavadar City of English Medium schools are population.

8. Sampling Method and Sampling

The sampling method used in the present research is Purposive Sampling Method which comes under the category of Non-probability Sampling Method. In this way the sample is 68 students of Standard 9 selected from Sardar Patel Vidhya Mandir, Kalsari, Visavadar.

9. Research Method

For the present study, Experimental Research Methodology is used. It is the most popular and most widely used method in the educational research. The Experimental Design used in the present study is Pre- Experimental Design, Two Randomized Groups Pre-test, Post- test Design.

10. Research tool

The Researcher has used Post-test to collect data and outcome of research. Also, Lesson plans are prepared for the controlled and experimental group to teach the students.

11. Procedure of Data Collection

In the present research initially, permission was acquired from the principal of Sardar Patel Vidhya Mandir, Kalsari, Visavadar. After acquiring the permission, the students of sections of Standard 9 were approached. 68 students were selected as sample using simple random sampling. The students were divided into two clusters consisting of 34 students each. Pre-test was conducted to make to sections consisting students with equal scores. The students were explained the topics: Simple, Compound and Complex sentences for four days in the academic year 2021-22, in the month of October, 2021; based on the carefully prepared lesson plans. The students of controlled group were taught with the traditional lecture method while the experimental group students were taught using video clips, animations and interactive teaching.

12. Technique of Data Analysis

Mean, Standard Deviation, Standard Error of deviation and t-value are the techniques used in the present study to analyse the data effectively and to deduce the conclusion of the study.

13. Findings of the study

Data collected through different tools were subjected to the quantitative test analysis. The following are the major findings from the research:

1. Modern teachings were found to be effective in terms of attainment of concepts of social science.
2. Modern teaching methods were found to be significantly superior compared to traditional teaching methods when the groups were matched statistically with respect to the pre and post test conducted.
3. There was a significant change in the attitude towards social science in the case of both the groups. However, the experimental group's attitude was more favourable.
4. Majority of the students expressed favourable reactions towards the modern teaching methods at the completion of the first topic and at the completion of the treatment.

14. Implications of the Study

Following are the implication from this research

1. It is important to sustain interest of students in learning to change the attitude of students towards social science. Hence teacher has to be skilled and the teaching concepts should be given more importance and attention in social science language teaching.
2. Favourable response of students towards modern teaching methods implies that the student's opinion about the methods have favourable disposition for accepting the methods in their learning program. It can be implied that these methods can be used in teaching other subjects too.
3. Many students opined that they faced difficulty in identifying the essential attributes like clauses and phrases and other grammatical concepts and in defining the same in their own words. Efforts should be made to make the base of the subject strong.
4. All the learners are different, some learn by auditory teaching methods, some learn by memorizing methods, some learn by writing practices and some learn by audio-visual method. The efforts should be made to imbibe all the types in the teaching of the subject.
5. Some units of social science cannot be explained by simple lecture method, it can be explained by animations, visual activities, interactive studies and many more student-centered activities.

15. Recommendations for Future Research

The findings of the present study have some implications for the researchers who want to conduct future research in this area. The studies can be designed in any aspect as mentioned below:

1. In the present experiment the effectiveness of the modern methods has been studied for certain units of social science and compared with the Traditional method of teaching. Similar studies can be conducted in other subjects also.
2. In the present study the use of animation method and video clips were studied. The researchers may study the other strategies and techniques of modern teaching methods and compare them.
3. The tools used in the research are post-test. The future researchers can use other tools for assessing the research.

References

1. Behr, A.L. (1988). Exploring the lecture method: An empirical study. *Studies in Higher Education*, 13(2): 189-200.
2. Brown, G.A. Daines, J.M. (1981). Can explaining be learnt? Some lecturers' views. *Higher Education*, 10(5) 573-580.
3. Chandra, S. S. and Sharma, R. K. *Research in Education*. Page No. 114
4. Dewey, John. (1979). *The theory of Inquiry*, New York: Henry hold and co.
5. Hempel, C.G. (1952). *Fundamental of Concept formation in empirical*
6. Jarvie, I.C. (1991). *Explaining Explanation* David-Hillel Ruben. New York:
7. Kattering, Charles (1947). *The Research Head of General Motors*. [http://www.potentiate .com](http://www.potentiate.com)
8. Manoj, B. S. (2019). *Multi-Track Modular Teaching: An Advanced Teaching Learning Method*. Amazon, ISBN 978-93-5361-582-6.