

FEED BACK STUDY OF STACK HOLDERS ABOUT SCIENCE TEACHING BY SMART CLASS

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ABSTRACT

The present study investigates the smart class instruction on achievement and retention in science in relation to academic anxiety. The sample consisted of class 6th , 7th ,8th students selected from Nidhi ideal school bichhiya Gorakhpur . The investigator have taken 180 secondary school students by using simple random sampling technique For collection of data the investigator has used an achievement constructed and standardized by the investigator

Instructional materials based on smart class instruction were prepared and utilized to teach the experimental group after pre-testing and gain scores were computed after implementing post and retention-test on all the students. The academic anxiety test was also administered. Analysis of mean & standard deviation was used to arrive at conclusions: (i) when same student teach with help of The smart class was found significantly higher achievement scores as compared to traditional class (ii) Performance of students with different academic anxiety group through smart class instruction was found significant at immediate level The result of the study reveals that smart class learning environment is better to teach both low achievers and high achievers than traditional class.

Keywords: Smart Classroom Learning Environment; low achievers and high achievers

Objectives

- 1) To study the feedback of students of class vi,vii,viii of science study with smart class
- 2) To study the feedback of teacher who teach them with smart class
- 3) To study the educational progress of the student who learn with smart class
- 4) To study the experimental knowledge of science in students of class vi,vii,viii who teach with smart class
- 5) To study the feedback of parents on smart class teaching. environment on academic achievement of

low achievers in science

6) To study the difference in the effect of smart class room learning environment on academic achievement of high achievers in science

METHODOLOGY

Descriptive survey method will be adopted for the present study. In order to obtain empirically dependable answers to the research study, and to test the formulated hypotheses, a pre-test and post-test. Single group experimental design will be adopted. It provides a sound database for research.

SAMPLE

Systematic sampling method will be followed to draw the sample from the target population. It is proposed to draw 15 students, from each section of class through systematic sampling method. Hence, the sample for the study will be 180 student, 8 teachers, 180 guardian /parents of those student who participate in survey.

PROCEDURE OF DATA COLLECTION

Two survey instruments (questionnaire & achievement test) survey instruments. The individual teacher feedbacks were an undertaking. For each of the Feedback, time was scheduled. Those interviewed provided positive feedback. This dissertation work is done on two phase in first phase I collect the data from stakeholders on simple survey method. I prepare questionnaire in three different types:

- 1) For guardian
- 2) For students
- 3) For teacher

In second phase data is collected from only students of Nidhi Ideal Public School conducting an achievement test on sampled 180 student each divided in three sections according to his class vi, vii, viii. It is also a MCQ test. It is based on same lesson taught by teachers with smart class and without smart class (traditional method). The responses of respondent on the test. The test scripts are scored. The data to be obtained from the students, teachers, and guardians will be analyzed with the help of quantitative techniques. Data to be obtained from close-ended questions will be analyzed using percentage analysis method and content analysis. In second phase for collecting the data from student I am using an achievement test.

TOOLS AND TECHNIQUES USED FOR DATA COLLECTION

The instrument of the study was a questionnaire of the attitudes toward using a smart board in teaching in science. This questionnaire was designed by the researcher themselves, which consisted of 20 statements.

The teachers, students, guardian answers each statement of the questionnaire according to a Likert-type scale by selecting one of the following answers:

- As positive: A) Very satisfied B) satisfied c) Undecided

d) Dissatisfied e) very dissatisfied

➤ As negative: A) Very satisfied B) satisfied c) Undecided

d) Dissatisfied e) very dissatisfied

The researchers assumed that the teacher, guardian, student whose average is above (3) has positive attitudes towards using a smart board in teaching science.

The scoring order used for positive statement 5,4,3,2,1 and for negative statement 1,2,3,4,5

ANALYSIS AND INTERPRETATION

The data to be obtained from the student teachers will be analyzed with the help of both quantitative and qualitative techniques. Data to be obtained from close-ended questions will be analysed using percentage analysis method the SCIENCE teachers have positive attitudes toward using a smart board in teaching science, where each statement of the questionnaire – and the questionnaire as a whole – Obtained a mean greater than (3).

The results in Table (QUESTION Statement) 2 indicate that the school students have positive attitudes toward using a smart board in teaching science, where each statement of the questionnaire – and the questionnaire as a whole – Obtained a mean greater than (3).

Results showed that student have positive attitudes toward using a smart board in teaching science and they prefer using it instead of a traditional board. Since the smart board is a new technology, SMART board teaching will be a milestone in the new teaching method introduced

The results in Table (QUESTION Statement)3 indicate that the school guardian /parents have positive attitudes toward using a smart board in teaching science, where each statement of the questionnaire – and the questionnaire as a whole – Obtained a mean greater than (3).

Guardian /parents say smart class brings about a complete transformation in classrooms. These results in faster and accurate understanding of the concepts in class and Help s improve the overall academic performance of students. Teachers are able to keep students engaged in the learning process and also get an instant and accurate assessment of learning outcomes achieved at the end of the class.

SUMMARY AND CONCLUSION

The study was conducted to collect feedback of stakeholder who involve in smart class teaching . the relationship between smart class teaching and Traditional teaching effect on students' academic performance in Nidhi ideal school bichhiya Gorakhpur District gorakhpur.

From the computation and analysis of the data derived for the study, it was discovered that a significant relationship exists between smart class teaching academic performances in science subject Nidhi ideal school children.

On that of smart class teaching and students' academic performance, a positive relationship was discovered to exist. On the basis of analysis and interpretation of data, the following conclusion can be drawn. All the students may not understand the teaching methodology of a teacher, but can understand by smart classes. This can be seen in case of movies, i.e students remember movies better than the lessons taught in classroom. This type of teaching creates an attention called as interest in them. So e-learning is absolutely better.

We all know that if a topic is understood by a visual method, it becomes more beneficial to understand to students. So the demand of using smart classes is being forcefully raised. 'Smart Classes' provides education better through presentations and videos. I think a student can learn better through visualization.

But this should not be applied to all the topics in every subject, because imagination and visualization and application capability of student regarding the subject may be reduced.

This leads to strong reinforcement of information in students. Smart boards have many advantages and every class room should have it for the ease of teaching learning process; though I strongly believe that only a strong motivation is the basic of any learning process and can be carried out in any situation. Thus, it can be said in the end that smart board is such a learning process where needs active participation of both the teacher and the students.

Suggestions

The researcher by virtue of his experience in conducting this study would like to put forward the following suggestions:

- Sample size can enlarged to more concrete results.
- A sample study can be carried on primary level, senior secondary level, college level and university level students.
- Similar study can be analyzed by different statistical techniques for verifying the results
- Comparison can be made between boys and girls.
- The same study can be conducted on other subjects of science also.
- The effectiveness of the methods can be seen by giving a longer duration of teaching put forward.
- Smart class room learning help to increase the learning abilities.
- Smart class may use as a supplementary learning tool to teaching low IQ level students and high IQ level students.
- The curriculum should be framed keeping in view the application of smart classes of teaching.
- This strategy helps the learner to move at his own pace as it helps the learners to provide individual instruction.
- Although students generally work together in small groups in hands on science classes, there are times when all class discussions are valuable.

- Summarizing comparing and interpreting often involves the whole class. Teachers can use both small group and whole class approaches to teaching science, and discuss when each may be appropriate.
- Science classes involve all the challenges of regular classrooms with some additional ones besides

Recommendations

- Based on the finding and conclusions of the study the following recommendations are put forward.
- Smart class room learning help to increase the learning abilities.
- Smart class may use as a supplementary learning tool to teaching low IQ level students and high IQ level students.
- The curriculum should be framed keeping in view the application of smart classes of teaching.
- This strategy helps the learner to move at his own pace as it helps the learners to provide individual instruction.
- Although students generally work together in small groups in hands on science classes, there are times when all class discussions are valuable. Summarizing comparing and interpreting often involves the whole class. Teachers can use both small group and whole class approaches to teaching science, and discuss when each may be appropriate.
- Science classes involve all the challenges of regular classrooms with some additional ones besides The program of science education should focus on some of the things teaching science:
 - Working with diverse student populations.
 - Stimulating interest in science among students.
 - Using scientific vocabulary, only as necessary.
 - Helping students believe their voices are valued.
 - Promoting student's discussion yet keeping it focused.
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 - Treating students with respect and facilitating learning with multiple learning modalities.
 - Better student teaches understanding and relationships, better adaptation of teaching learning, encouragement of students towards acceptance of responsibility of learning, greater
- Satisfaction of student with his learning etc should be given importance.

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