

DISCUSSION BASED FISH BOWL STRATEGY IN LEARNING PSYCHOLOGY

By

Dr.G.SINGARAVELU

Lecturer, Department of Educational Technology,

Bharathiar University,

Coimbatore, Tamilnadu.

ABSTRACT

The present study investigates the learning problems in psychology at Master of Education(M.Ed.) in Bharathiar University and finds the effectiveness of Discussion Based Fish Bowl Strategy in learning psychology. Single group Experimental method was adopted for the study. Both qualitative and quantitative approaches were involved in this study. Twenty five students were taken for the study. Discussion Based Fish Bowl Strategy is found to be more effective than conventional approaches in learning psychology.

INTRODUCTION

Teacher Education has unique place in revamping the quality of education. Government and private agencies are taking necessary effort to provide the quality education. To get the expected quality education, Teacher education should be strengthened by finding and activating innovative strategies in the classroom transaction. Innovative strategies can be implemented in in-service programme and psychology of learning is necessary to find out innovative strategies for teaching learning process. Hence the researcher attempted to implement a new strategy named, Discussion Based Fish Bowl Strategy which is more effective in learning Psychology.

Need and Significance of the Study

Deep knowledge in psychology is necessary to achieve effective teaching learning process in classroom transaction. Applying psychology in the class room will promote the learning and understanding, but it should be applied towards the learners to motivate the learners to achieve their goals. Students of M.Ed had learning barriers in Psychology in Bharathiar University, Coimbatore. Conventional strategies failed to achieve the goal of learners. Hence the researcher, as a lecturer tried and found the Discussion Based Fish Bowl strategy and implemented in the class room.

Objectives

- To identify the learning barriers of the students of M.Ed in psychology in Bharathiar University, Coimbatore.
- To find out the difference between male and female students in achieving average score in learning psychology through Discussion Based Fish Bowl Strategy.
- To find out whether there is any difference between the pre-test and the post test in achievement mean score of students of M.Ed.
- To find out the effectiveness of Discussion Based Fish Bowl Strategy in learning Psychology.

Hypotheses

- Students of M.Ed., studying in Bharathiar University had learning barriers in Psychology.
- There is a difference in achieving average score between male and female students in pre-test and post-test in learning psychology.
- There is difference between pre test and post test in achievement mean score in learning Psychology.
- Discussion Based Fish Bowl Strategy is more effective than traditional strategies in learning psychology.

Operational Definations

Discussion Based FishBowl strategy is one of the innovative strategies used in the class room transaction. In this

strategy, a bowl is filled with 10 or 15 scrolled papers which carries the selected topic. Students can select any one of the scrolled papers and discuss the topic written in the paper with other students.

Methodology

Single group experimental method was adopted for the study. Qualitative and quantitative approaches were involved in this study.

Sample

Twenty five M.Ed., students, studying in Bharathiar University were selected for the study.

Tools

Achievement test (pretest and post test) was used for the study. It consists of five subjective type questions and each question carries ten marks.

Procedures of the study

Initially the students were asked to identify problems in learning psychology through pre-test. Different discussion points were written in the bits of paper. Then the lecturer introduced the units briefly. After the completion of introduction session the class was divided into 10 groups, and each group was asked to pick up a bit of paper from the bowl and discussed the written concept with other groups. During the discussion, each group clarified the doubt of other group regarding the subject. After giving analyzing the issues of subject through the Discussion Based Fish Bowl Strategy, the post test was administered to the same group of the student

Data Analysis

The researcher identified the problems of the students of M.Ed., in learning psychology by administering pretest. After using the discussion Based Fish Bowl Strategy, the post test was administered to the same group of student. Collected data were tabulated for the convenience of analysis.

Testing Hypothesis-I

- Students of M.Ed studying in Bharathiar University had learning barriers in Psychology.

Table 1 indicates the existing learning barriers of the students of psychology.

Test	Scoring marks
Pre - test	26%
Post test	72%

Table 1. Achievement scores of the students

Testing Hypothesis-II

There is a difference in achieving average score between male and female students in pre-test and post-test in learning psychology.

Sex	Pre-test score	Post test score
Male	27	70
Female	30	76

Table 2. Difference between Male and Female students in learning psychology.

Female students scored more marks than Male students in both pre-test and post test.

Testing Hypothesis-III

Table 3 supports the hypothesis that there is difference between pre test and post test in achievement mean score in learning Psychology.

Tests	Mean score
Pre-test	63.60
Post test	54.10

Table 3. Achievement mean difference in pre-test and post test

Testing Hypothesis-IV

Discussion Based Fish Bowl Strategy is more effective than traditional strategies in learning psychology.

Methods	Post test marks
Conventional	26%
Fish bowl	72%

Table 4. Achievement marks in Conventional Method and Discussion Based Fish Bowl Strategy

Table.4 indicates the scoring average of achievement test through conventional method (26%) was less than achievement of Discussion Based Fish Bowl Strategy (72%). Hence the Discussion Based Fish Bowl Strategy is found to be more effective than conventional method in learning psychology at M.Ed., in Bharathiar University, Coimbatore.

Findings

- Students of M.Ed., faced problems in learning psychology in conventional approach.

- Average score of Male students in pre-test is 27% and post test is 70%. Average score of the Female students in pre-test is 30% and in post test is 76%.

Hence there is difference in achievement score between the Male and Female students.

- There is difference between pre-test mean score (63.60), and the post test mean score (54.10) in learning psychology.
- The scoring average of achievement test through conventional method is 26% which is less than achievement marks of Discussion Based Fish Bowl Strategy which is 72%. Hence the Discussion Based Fish Bowl Strategy is found to be more effective than conventional method in learning psychology at M.Ed., in Bharathiar University, Coimbatore.

Educational Implications

- Discussion Based Fish Bowl Strategy may be adopted in post graduate level for all subjects in higher
- It can also be practiced in B.Ed. Level.
- It may be extended in higher education.
- It paves way to effective interaction in class room transaction.

Conclusion

Quality teacher education is necessary to stand on the platform of globalization. To achieve the expected quality education, finding innovative strategies and implementing in the class room transaction is necessary. Discussion Based Fish Bowl Strategy is more effective in learning psychology. It can be stretched towards various subjects. It can be implemented in all the Teacher Education colleges to promote effective teaching and to create a conducive atmosphere among the learners.

References

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ABOUT THE AUTHOR

Dr. G. Singaravelu is a lecturer in the Department of Educational Technology, Bharathiar University, Coimbatore, Tamil Nadu. He is specialized in primary education, and got the NCERT award for his innovative gadgets used in mathematics and trained more than two thousand teachers in Activity Based Learning.

