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*SUMMARY AND
MAJOR FINDINGS*

CHAPTER – V

SUMMARY IN MAJOR FINDINGS

5.1- INTRODUCTION

This chapter presents a brief summary and findings of the study. This is followed by the educational implication based on the findings of study; suggestions for further research on related topics have also been outlined.

The present study deals with the effectiveness of instructional material (Science) on environmental awareness of 8th class students.

5.2 OBJECTIVES OF STUDY

- To develop instructional material in enhancing environmental awareness of class eight student.
- To study the effectiveness of instructional material in enhancing the environmental awareness of class eight students in classroom teaching.
- To study the effectiveness of teaching through instructional material over traditional method in enhancing environmental awareness in classroom teaching.
- To study the effectiveness of instructional material on environmental awareness in context of variable gender.

5.3 HYPOTHESIS

- There is no significant difference between environmental awareness of class eight students taught by traditional method and through instructional material.
- There is no significant difference between environmental awareness of girls taught by traditional method and through instructional material.
- There is no significant difference between environmental awareness of boys taught by traditional method and through instructional material.
- There is no significant difference between environmental awareness of girls and boys taught through instructional material.

5.4 Variables of the study:

Independent Variable : Instructional material
Traditional method

Dependent material : Environmental
Awareness

Backward variable : Gender

5.5 Research design

The researchers used two group post test design to find out the effectiveness of instructional material on environmental awareness among class viii students.

5.6 Sample

Sample was drawn from urban locality. In urban school there are two sections of class viii and each section has strength of 35 students. The researcher has taken 30 students from each section, so total sample of 60 students was divided into two groups on the basis of student's science academic achievement by adopting random sampling technique.

5.7 Tool

Self-made environmental awareness test was used. The data was tabulated & analyzed by the quantitative statistics.

5.8 Major findings-

- Teaching and learning through instructional material could help students in enhancing their environmental awareness level.
- There was a significant increase in the environmental awareness level of both girls and boys, treated through instructional material.
- The 'intensity of enhancement' in environmental awareness level was same in boys & girls taught through instructional material.
- The 'intensity of enhancement' in environmental awareness level of students due to intervention of instructional material (IM) was found better than student taught through traditional method.

5.9 Recommendation of the study

The findings of the present study indicate that there is a positive effect of instructional material (IM) on environmental awareness of students. Keeping in mind the findings the material can be recommended in different areas like

- Day to day classroom activities.
- Teacher training programme organized by DIET
- To prepare text books & supplementary material.
- To develop teacher's handbook.

5.10 Educational Implications

These study direct implications for classroom teaching as well as for the teacher education programme. Some of the major implications visualizes are as follows-

- The instructional material used in teaching process help learners to enhance their environmental awareness level effectively.
- Activities, experiments and charts involved in teaching learning process not only motivate the students to learn better but also lead to greater awareness level with respect to their environment.
- The instruction material helps teacher to develop new strategies in teaching environment science.
- The success of the use of instructional material depends on the proper use of material & hence the teachers should be properly trained to use the instructional material. Therefore teacher educational institute

should train all the prospective teachers in the development of instructional material.

- As we found the environmental awareness level of students learned through instructional material was significantly higher it should be made obligatory to follow strategy I classroom practices in order to improve the environmental awareness level student.

5.11 Suggestion for further research study

- The present study being exploratory in nature brings into limelight several issues. In which further research can be undertaken following are the few suggestion for the further research ;
- The study can be undertaken with a large sample for precise result,
- The instruction material may be developed and validates in other areas.
- The relative effectiveness of pictorial audio –visual and activity based instructional material may be studied.
- It will be interesting to study the effect of the instructional material keeping in focus the following variables.
 1. Mental age and educational age of the student.
 2. Social and economical background of the students.
 3. parents educational qualification;
 4. personality adjustment and environment education of the students;