Abstract of the thesis

A STUDY TO EXPLORE THE SCOPE OF IMPARTING PEACE RELATED VALUES THROUGH SCIENCE CURRICULUM AT UPPER PRIMARY LEVEL AND DEVELOPING AN EXEMPLAR STRATEGY TO IMPART THEM.

By   supervisor

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INTRODUCTION

Escalating violence in all its form is the main reason for re-orienting Education to Peace. For this Purpose it is necessary to sown the seed of Peace, Love, Co–Operation and moderation in the minds of men and women very early from their Childhood through the education for peace. Values can be used as the foundation stone for the Education for Peace so we can say that Value and attitudes are building blocks of the culture of peace. Since peace education is an inclusive term all the subjects taught at school level must contribute in a significant way to develop peace related values. It is felt important to look in to the contribution of science education as a part of general education in imparting peace related values.

HYPOTHESIS

The following statistical hypothesis was tested during the study.

❖ There is no significant difference in adjusted mean scores on scale of sensitivity towards Peace Related Values of students exposed to experimental treatment and control treatment when the differential effect of GMAT and pre-test were adjusted.

VARIABLES

Independent variable -Peace sensitive teaching strategy developed by the researcher

Dependent variable-Post test act as dependent variable

Extraneous variable (covariate)-Pre test & General Mental Ability Test act as covariate

Controlled variable-Teacher variable, Time effect & Socio-economic status are used as controlled variable.

SAMPLING

The present study was conducted in three phases. Sampling is done in all the three phases of study. In the first phase sampling was done for expert, in second phase sampling was done for the selection of chapter while in third phase sampling was done twice once for the try out and secondly to conduct the actual experiment.

TOOL

Three kinds of tools were used for collecting the data on the variables under study.

1. Rating scale for experts
2. Scale on sensitivity towards peace related values:
3. General mental ability test prepared by Dr. S. S. Jalota

MAJOR FINDINGS OF THE STUDY

I. The scope of incorporation of peace related values was found in all the lessons of class VI though it varies from 12% to 58%.

II. The possibility of peace related value incorporation in the lessons of class VII varies from 6.0% to 56%.

III. The Possibility for incorporation of peace related value ranged from 7% to 50%in class VIII.

IV. Mean performance of students on post test exposed to peace related value input was found to be 222.718 where as the mean performance of students of control group was found to be 218.928

V. When the differential effect of two variables i.e. general mental ability and pre test were adjusted, the performance of experimental group on the post test was found significantly higher than that of control group(F= 3.92 and t=1.979, significant at 0.05 level of confidence).