

Evaluation of science textbook of class viii of Jammu and Kashmir state board of school education on the basis of reactions of teachers and suggestions by experts

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Abstract

The present study is related with the, "Evaluation of Class VIII Science Textbook of J & K State Board of School Education on the basis of Reactions of teachers and suggestions by experts". The study was conducted on 30 teachers and on 10 experts, teachers were randomly selected from 20 private and government High schools of district Anantnag of Jammu and Kashmir and experts were purposively selected. Gender equality was maintained where ever possible. Respondents were selected from diverse socio- economic status. Reaction scale developed by the researcher was used for knowing the reactions of teachers and Opinionaire was used for knowing the reactions of experts. Data were analyzed by using frequency. The findings were; According to the Teachers, most of the aspects of the book are up to the mark and need no review but there are certain aspects of the book which need a change such as binding of the book (2.33), size of the book (2.23) and there is unequal distribution of Physics, Chemistry and Biology units in the book (2.43). All these aspects need a change so that the book will attract more and more readers towards it. According to the Experts, there are few aspects in the book which need a serious change so that the book can compete at national level. The aspects of the book which need change are that, in the book there is not enough emphasis on the practicability, lay out not good and well planned, simple to complex pattern not followed and the book does not fulfill all the objectives of teaching the subject. Thus these aspects of the book need to be reviewed to make it a perfect book in all respects.

Keywords: evaluation, science textbook, class viii, Jammu and Kashmir, education

Introduction

Rationale of the study

Curriculum is the basic element of any education system which needs to be updated to bring changes in the whole education system. Textbook forms the basis of curriculum and is an important component of the education system that needs to be evaluated and updated on regular basis.

Various researches have been conducted on evaluation of textbooks by different researchers like studied on "A Comparative Study of Mother Tongue Textbooks Prescribed for Primary Classes in Bengali, Gujarati, Hindi (Delhi), Hindi (UP), Telugu and Urdu" and many more. different researcher's like studied on different aspects of textbook in different states of India like binding, cover, exercises, pictures, font size respectively, studied on Evaluation of the Secondary School Physics Textbooks produced by N.C.E.R.T., studied on Evaluation of Mathematics Textbooks for Standard V, VI and VII published by Gujarat State Board of School Textbooks, Studied on an Investigation into the effect of Readability Indicates of the Textbooks of English Prescribed in State of Gujarat for Standards VIII, IX, and X in the Context of the Reading Ability of the pupils upon their Reading Comprehension, studied on A Critical Study of Geography-Textbooks for Standard 1 to 5 as per the Syllabus Prescribed by the Government of Maharashtra in 1989, studied on A Critical Evaluation of the Content and Teaching of Mathematics for Class-3 and Class-5 in Andhra Pradesh.

But no research has been done on Evaluation of Science Textbook in District Anantnag of Jammu and Kashmir. This indicates the need of the present study.

Statement of the problem

The Problem Was Worded As, "Evaluation Of Science Textbook Of Class Viii Of Jammu And Kashmir State Board Of School Education On The Basis Of Reactions Of Teachers And Suggestions By Experts"

Objectives

The following were the objectives of the study

1. To evaluate the Science textbook for Class VIII of Jammu and Kashmir State Board of School Education on the basis of reactions by Teachers.
2. To evaluate the Science Textbook for Class VIII of Jammu and Kashmir State Board of School Education on the Basis of suggestions by Experts.

Sample

The study was conducted on 30 Teachers and on 10 experts, Teachers were randomly selected (lottery method) from 20 private and government high schools of district Anantnag and experts were purposively selected. Gender equality was maintained where ever possible. Respondents were selected from diverse socio- economic status.

Tools

In the present study the researcher developed reaction scales for data collection. The Teacher Reaction Scale consisted of 36 items, out of which 18 were positive and 18 were negative. The items were related to the physical as well as to the academic aspects of the book. While as for experts the researcher developed Opinionaire, the Opinionaire consisted of

15 items related to the physical and to the academic aspects of the book.

Procedure of data collection

Taking the permission from the principals of selected schools data was collected by using set reaction scale. Reaction Scale was personally administered to the respondents. They were made aware that their responses are being used for research purpose and will be kept confidential.

Statistical technique

The data were analysed by using frequency.

Findings

The following findings were obtained:

1. According to the Teachers, most of the aspects of the book are up to the mark and need no review but there are certain aspects of the book which need a change such as binding of the book (2.33), size of the book (2.23) and there is unequal distribution of Physics, Chemistry and Biology units in the book (2.43). All these aspects need a change so that the book will attract more and more readers towards it.
2. According to the Experts, there are few aspects in the book which need a serious change so that the book can compete at national level. The aspects of the book which need change are that, in the book there is not enough emphasis on the practicability, lay out not good and well planned, simple to complex pattern not followed and the book does not fulfill all the objectives of teaching the subject. Thus these aspects of the book need to be reviewed to make it a perfect book in all respects.

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