

MATHEMATICS

TEXT BOOK FOR CLASS VIII

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The Jammu and Kashmir
State Board of School Education,
Srinagar/Jammu

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Mathematics

Textbook For Class VIII



The Jammu & Kashmir State
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TO STUDENTS

Foreword

Upgrading and defining textbooks on Mathematics in a different way has been an interesting journey from class I to class VIIIth, which is the final book in the upper primary series. Such an attempt has been made keeping in view, the nature of Mathematics to present it in a playful and interesting manner, so that the popularity of the “Queen of all subjects” is once again retained in its splendor for the students. There is an ability to explore the ideas and framework given by mathematics in the struggle to find a richer life and a more meaningful relationship with the world around. The textbook has been developed keeping in view that children require space to reflect their own ideas, rules and definitions based on problems/tasks solved and follow their ideas logically. Emphasis is not laid on remembering rationals or solving complicated problems and writing proofs, but understanding how mathematics works and being able to identify the ways of moving towards solving problems.

What is more important is that the students should feel very confident when they relate with mathematics and make it feel less formidable, and at this stage this subject should be very close to experience and environment of the child and be abstract at the same time. Class VIIIth textbook on mathematics has attempted to bring together the different aspects of mathematics and emphasize the commodity unitary method, ratio and proportion, interest and dividends are all part of one logical framework. We, sincerely hope that the book will help children to enjoy mathematics and be confident in the concepts introduced. We want to recommend the creation of opportunity for thinking individually and collectively.

I highly appreciate the working of the Academic Division of Jammu and Kashmir State Board of School Education working under the Director Academics, A. K. Sen who has been able to amalgam the two diverse regions of the state and bring about this book

in joint cooperation. Special appreciation goes to Ms. Aaliya Qayoom (Academic Officer, Mathematics, Kashmir Division) and Mr. Rajesh Verma (Academic Officer, Mathematics, Jammu Division) for their painstaking efforts in localizing the textbook with the cooperation of the subject experts from both Jammu as well as Kashmir Division. Mr. Nazir Ahmad Bhat, Lecturer Mathematics, Government Higher Secondary School, Dangerpora, Sopore has put in worthy efforts to incorporate the miscellaneous exercises of the textbook.

Mr. Ishtiyag Bashir, I/C D.T.P. is highly acknowledged for his computer skills in redrafting and construction of the textbook.

I am highly thankful to NCERT, New Delhi for providing the material for the textbook. We look forward to your comments and suggestions regarding the book and hope that stake holder particularly our teacher community sends us interesting exercises, activities and tasks which can be incorporated in our further edition.

The state Board of School Education is always welcome to suggestions and ideas and we request our stake holders to feel generous and make an effort to help us bring about the present curriculum to the higher echelons.

Dr. Sheikh Bashir Ahmad,
Chairman,
The Jammu & Kashmir State Board,
Bemina Bye pass,
Rehari Colony,
Jammu & Kashmir.

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