

MATHEMATICS

CLASS - III

TEXTBOOK DEVELOPMENT & PUBLISHING COMMITTEE

- Chief Production Officer : **Smt.B. Seshu Kumari,**
Director, SCERT, A.P., Hyderabad.
- Executive Chief Organiser : **Sri.B. Sudhakar,**
Director, Govt. Text Book Press, Hyderabad.
- Organising Incharge : **Dr.N. Upender Reddy,**
Prof. & Head, Curriculum & Text Book Department,
SCERT, A.P., Hyderabad.
- Asst. Organising Incharge : **Sri.K. Yadagiri,**
Lecturer, SCERT, A.P., Hyderabad.



Published by:

The Government of Andhra Pradesh, Hyderabad

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New Edition
First Published 2012

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This Book has been printed on 80 G.S.M. SS Maplitho
Title Page 200 G.S.M. White Art Card

Free distribution by A.P. Government

Printed in India
at the Andhra Pradesh Govt. Text Book Press,
Mint Compound, Hyderabad,
Andhra Pradesh.

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TEXTBOOK DEVELOPMENT COMMITTEE MEMBERS

WRITERS

Sri.M. Ramanjaneyulu, Lecturer, DIET Vikarabad, Ranga Reddy District.

Sri.T. Sairamakrishna, HM, BFMHS Samarlakota, East Godavari District.

Sri.S. Dharmender Singh, SA, UPS Ponna, Ichoda Mandal, Adilabad District.

Sri.K. Laxma Reddy, SA, ZPHS Chinthakunta, Karimnagar District.

Sri.B. Hanumantha Rao, SA, ZPHS Kapugallu, Nalgonda District.

Sri. N. Rajashekar Reddy, SA, ZPHS Muddireddypalli, Ananthapur District.

Sri.Ch. Keshav Reddy, SGT, PS Motla Palli, Srirampur Mandal, Karimnagar District.

Sri.T. Mahesh, SGT, UPS Boppapur, Varni Mandal, Nizamabad District.

Sri.V. Madhu, SGT, MPPS Thondamanadu, Srikalahasthi Mandal, Chittoor District.

WRITER & COORDINATOR

Sri.Kakulavaram Rajender Reddy, SA, UPS Thimmapur, Chandampet Mandal, Nalgonda District.

EDITORS

Sri.K. Brahmaiah, Professor, SCERT, A.P., Hyderabad.

Sri.B. Harisarvothama Rao, Retd. Lecturer, SCERT, A.P., Hyderabad.

Sri. K. Satyanarayana, Retd. Lecturer, DIET Vikarabad, Ranga Reddy District.

CHAIR PERSON FOR POSITION PAPER AND MATHS CURRICULUM AND TEXT BOOK DEVELOPMENT

Prof.V. Kannan, Department of Mathematics & Statistics, University of Hyderabad.

CHIEF ADVISOR

Dr.H.K. Diwan, Education Advisor, Vidya Bhawan Society, Udaipur, Rajasthan.

ACADEMIC SUPPORT GROUP MEMBERS

Smt. Padma Priya Sherali, Community Mathematic Centre, Rishi Vally School, Chittoor.

Sri. Shobha Shankar, Vidya Bhawan Society, Resource Centre, Udaipur, Rajasthan.

Kum. Shalini Devi, Vidya Bhawan Society, Resource Centre, Udaipur, Rajasthan.

Sri. Sharan Gopal, Dept. of Mathematics & Statistics, University of Hyderabad.

ILLUSTRATIONS AND DESIGN TEAM

Sri. Prashanth Soni, Vidya Bhawan Society, Resource Centre, Udaipur, Rajasthan.

Sri. Bhawani Shankar, Vidya Bhawan Society, Resource Centre, Udaipur, Rajasthan.

FORE WORD

Learning mathematics is a joyful activity. Students are enthusiastic in participating the activities which effect their perceptions and personal experiences. They accept any challenge. They have their own style in learning. Therefore they are acquainted with come skills on basic concepts of Mathematics before they come to school. By developing these skills children enjoy learning mathematics at primary stage. A new textbook on mathematics is raised in this occasion. The new textbook continues their natural style of learning and reinforces the standards acquired in the previous classes and enrich the conceptual understanding of the children by way of knowledge construction with the help of various meaningful situations of our day - to - day life. Activities and the exercises in this book help children to understand mathematical concepts and as well as utilize them in their daily life.

This book aims at the syllabus and academic standards focused by the position paper which is based on Right to education act-2009(RTE – 2009) and Andhra Pradesh state curriculum frame work-2011(APSCF – 2011). As the changes in syllabus and teaching learning processes are inevitable due to the suggestions of position paper,a need has arisen to design and develop a new text book .The situations, exercises and activities given in the textbook are aimed at to develop among children the abilities of problem solving, logical thinking, expressing ideas in mathematical language, representing data in different forms,connectivity between concepts and different contexts . As such, the teaching learning processes should be able to promote children’s interactions, critical thinking, creativity and viewing things in different angles to achieve the prescribed standards at this level.

The various chapters included in this textbook will be useful to children not only to understand the concepts but also practice them. As a result students develop interest and passion for learning mathematics.

This book promotes teacher’s professionalism and makes teaching of mathematics a pleasant activity and joyful learning for children . This will also become a helping tool in the Continuous Comprehensive Evaluation (CCE).

I wish to profoundly thank the national level experts, University teachers, research scholars,academic experts, NGO’s, illustrators, graphic designers,the printers and all those responsible to bring out this text book for their continuous support and encouragement

I hope all the teachers will implement this textbook in a meaningful way in their classroom teaching for the development of academic standards of our children.

B. Seshu Kumari

**Director,
SCERT,A.P., Hyderabad**

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S. NO.	CONTENTS	SYLLABUS TO BE COVERED DURING	PAGE NO.
1	Shapes and Spatial Understanding	July	1-11
2	Numbers	July, August	12-31
3	Addition	August, September	32-42
4	Subtraction	September	43-50
5	Using Addition and Subtraction	October	51-57
6	Multiplication	October, November	58-75
7	Division	November, December	76-87
8	Measurement	December, January	88-97
9	Time	February	98-107
10	Day to Day Maths	February, March	108-114
11	Data Handling	March	115-120
12	Patterns	March	121-128
	Revision	April	

OUR NATIONAL ANTHEM

- Rabindranath Tagore

Jana-gana-mana-adhinayaka, jaya he

Bharata-bhagya-vidhata.

Punjab-Sindh-Gujarat-Maratha

Dravida-Utkala-Banga

Vindhya-Himachala-Yamuna-Ganga

Uchchala-Jaladhi-taranga.

Tava shubha name jage,

Tava shubha asisa mage,

Gahe tava jaya gatha,

Jana-gana-mangala-dayaka jaya he

Bharata-bhagya-vidhata.

Jaya he, jaya he, jaya he,

Jaya jaya jaya, jaya he!

PLEDGE

“India is my country. All Indians are my brothers and sisters.

I love my country, and I am proud of its rich and varied heritage.

I shall always strive to be worthy of it.

I shall give my parents, teachers and all elders respect,
and treat everyone with courtesy. I shall be kind to animals

To my country and my people, I pledge my devotion.

In their well-being and prosperity alone lies my happiness.”