MATHEMATICS

Standard VI

Part - 1



THE NATIONAL ANTHEM

Jana Gana Mana Adhinayaka Jaya He

Bharata Bhagya Vidhata

Punjaba Sindhu Gujarata Maratha

Dravida Utkala Banga

Vindhya Himachala Yamuna Ganga

Uchchala Jaladhi Taranga

Tava Subha Name Jage

Tava Subha Asisa Mage,

Gahe Tava Jaya Gatha

Jana Gana Mangala Dayaka Jaya He

Bharata Bhagya Vidhata

Jaya He Jaya He Jaya He

Jaya Jaya Jaya He.

Prepared by:

State Council of Educational Research and Training (SCERT) Poojappura, Thiruvananthapuram - 12, Kerala. Website www.scertkerala.gov.in e-mail scertkerala@asianetindia.com

© Government of Kerala • Department of Education • 2009

Dear children,

You have already learnt something of numbers and shapes. This book will tell you more of these.

Also some new kinds of numbers.

And new types of shapes.

That we often see around us.

Let this book be of help.

The problems that you may face

in your daily life.

Pay heed to your teachers, keep a keen eye around.

Be ready to test everything.

Laugh and play with all your heart.

And learn a bit of math.

Through this little book.

With love,

A. P. M. Muhammed Haneesh IAS

(Director in Charge) SCERT

Members participated in the Textbook workshop

Mr. Ajayakumar V.
Mr. Aravindan K.
Mr. Ravendran K. K.
Ms. Geetha Nair
Mr. Shajan K. R.

Mr. Jacob Sathyan Mr. Shambu Embranthiri A. B.

Dr. Krishnan E. Mr. Sreekumar C. G. Mr. Kunhikrishnan O. Mr. Suseelan K.

Mr. Krishnadas P. Mr. Vinod K. R.

Mr. Manikandan K.O.V.

Experts

Dr. Radhakrishnan Chettiyar S.
Dr. Sarachandran T. G.

National Experts
Dr. Subramanyam K.
Dr. Ramunujam R.

Illustrations

Mr. Dhanesan M. V.

Acadamic Co-ordinators

Ms. Jayalekshmi S. Mr. Lidson Raj J.

English version

Dr. Sarachandran T. G.

Dr. Krishnan E. Academic Co-ordinator

Mr. Thomas Kuruvila Dr. Suresh Kumar N.

Mr. Venugopal C.



State Council of Educational Research and Training (SCERT)

Poojappura, Thiruvananthapuram - 695 012

Contents

1.	Slant and Spread 7
2.	Joining Parts21
3.	Average39
4.	Parts of Parts45
5.	Volume67





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 respect to my parents, teachers and all elders and treat everyone with courtesy.

I pledge my devotion to my country and my people. In their well-being and prosperity alone lies my happiness.