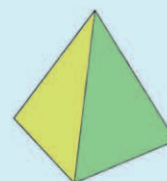
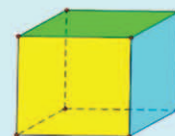
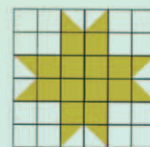
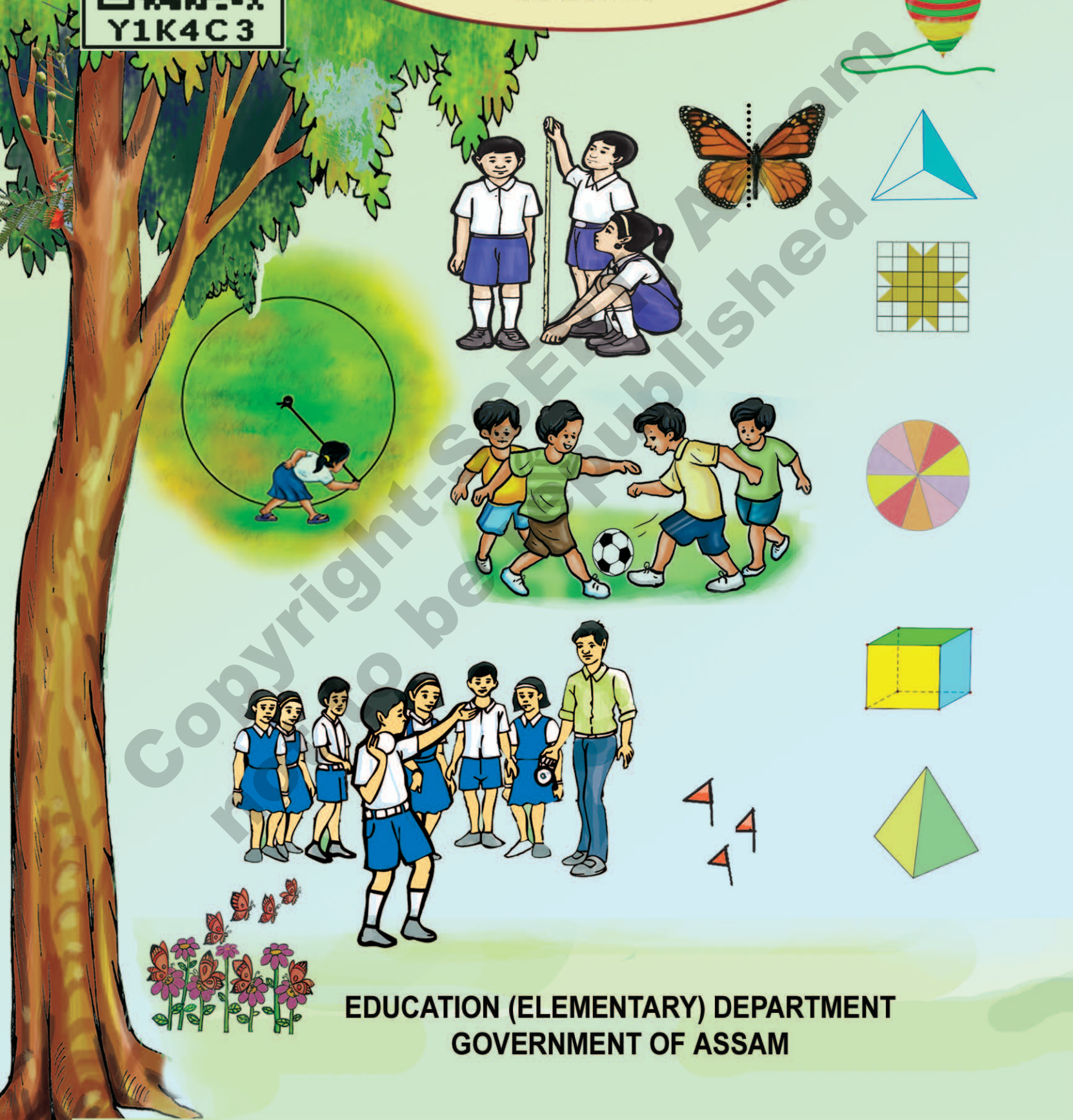




Y1K4C3

NEW MATHEMATICS

PART-IV



EDUCATION (ELEMENTARY) DEPARTMENT
GOVERNMENT OF ASSAM

PREPARATION FOR FLOODS

FLOODS



Before Flooding occurs



1. Place your valuable documents in a plastic cover/polythene bag and seal it.
2. Have an emergency kit at hand which includes
 - A portable radio, torch and spare batteries.
 - Stock of fresh water, dry food (chira, muri, gur, biscuits), kerosene, candle and matchboxes.
 - A first aid kit, manual and strong ropes for tying things

During a Flood

1. Do not walk through moving water.
2. Do not touch electrical equipments if you are wet or standing in water.
3. Drink boiled water.
4. Keep your food covered.
5. Use bleaching powder to disinfect your wall.



After Flood

1. Use bleaching powder to disinfect your surrounding.
2. Keep your food covered.
3. Drink boiled water.
4. Keep tuning to your local radio/ TV for updated bulletin.

Assam State Disaster Management Authority



‘DIAL 1098 if you see a child ill and alone in need of shelter, abandoned or lost, being beaten or abused, being bullied or for any other help the child might need. CHILDLINE 1098 is a national 24 x 7, free and outreach service for students.’



NEW MATHEMATICS

PART-IV

(Textbook cum Workbook)
For class IV



Developed by

State Council of Educational Research and Training, Assam
Kahilipara, Guwahati- 781019



Name.....

Name of the school :.....

Class :..... Roll No:



Assam State Textbook Production and Publication Corporation Limited, Guwahati

NEW MATHEMATICS : PART-IV : A textbook cum workbook for class-IV in English medium developed and reviewed by SCERT, Assam through workshops and approved by the Government of Assam and published by the Assam State Textbook Production and Publication Corporation Limited, Guwahati on behalf of Govt. of Assam.

FREE TEXTBOOK

All rights reserved : No reproduction in any form of this book, in whole or in part (except for brief quotation in critical articles or reviews) may be made without written authorization from the copyright authorities.

© : State Council of Educational Research and Training, Assam

1st Publication : 2018
2nd Publication : 2019

Published by : Assam State Textbook Production and Publication Corporation Limited on behalf of Govt. of Assam for free distribution.

Printed by : Xpede Systems Private Limited
Ulubari, Guwahati-781007



MESSAGE

Textbooks are the key components of scholastic education. Students gain knowledge that flows through the pages of the textbooks. Students, enriched with knowledge, are the wealth and future of our State as well as our Nation. The Renaissance of human civilization had been influenced by Education only. With this realization and foresight, the present Government has accorded the highest priority to the development of the Educational sector in the State.

The present State Government, in a bid to complement the untiring efforts of the student community to achieve success and fulfil ones' ambition and contribute to the welfare of the State, has been implementing various educational assistance programmes under "Pragyan Bharati". Under this programme, Free Textbooks are being distributed to the students from Pre Primary, Class I to Class XII which is now extended up to degree level since 2020. The benefits have been further augmented by waiving admission fees for the students of Secondary and Degree level. The State Government has also waived examination fees at the Secondary level for the students from the economically weaker section. Free uniforms are also being provided to the students up to the High School level. Under the "Anundoram Borooah Award Scheme", free laptops and at times, substituted with cash rewards, are being provided to meritorious students who excel in the HSLC examinations.

The Free Textbook component of the noble programme - "Pragyan Bharati" comprises printing, publication and distribution and, it is implemented with concerted efforts of the Assam State Textbook Production and Publication Corporation Limited (ASTPPC Ltd.), State Council of Educational Research and Training (SCERT), Board of Secondary Education, Assam (SEBA) and Assam Higher Secondary Education Council (AHSEC). I thank all these wings of the education department and appreciate their sincere hard work to make the scheme successful. My best wishes remain to all the Students - the human resources of the Nation for relentlessly pursuing their studies with all dedication and sincerity to gain a successful foothold to a bright future.

(Dr. Ranoj Pegu)
Education Minister, Assam

Preface

For effective implementation of child centric education and universalisation of primary education 1986 the text books in school play an important role. State Council of Educational Research and Training, Assam has been developing and reviewing text books for elementary level from time to time as per instruction of Government. According to the instruction of Govt., SCERT has developed the Mathematics text book cum work book, to be implemented in the year 2018 for the students of class IV in Assamese medium and adapted the same in to English medium also.

This text book has been developed on the basis of state curriculum and syllabus for elementary stage of school education developed in the light of NCF 2005 and Learning Outcome developed by NCERT.

The lessons are developed in workshop mode with the involvement of experienced teachers, teacher educators, subject experts and reviewer. We express our heartfelt gratitude towards them.

Many activities are incorporated in this text book so that children can participate actively in building preliminary concepts of Mathematics. It is expected that teachers will take help of concrete objects so that students can learn Mathematics with enjoyment.

We hope that this text book will help in making students learn Mathematics eagerly in future.

The hard and sincere work of the core group of this Directorate is appreciable as they have made it possible to develop this book in a very short period of time.

It is requested to point out any errors found in this text book for future rectification.



(Dr. Nirada Devi)
Director, SCERT, Assam
Kahilipara, Guwahati- 781019

How to Access e-resources using DIKSHA ?

- Type diksha.gov.in/app in your mobile browser and tap on install button
OR
- Search for DIKSHA in Google Play Store and tap on install button to download the app.

HOW TO ACCESS E-RESOURCES USING QR CODE ON MOBILE?

1. Select preferred language
2. Choose your role: Teacher, Student or Other
3. Tap to scan the QR code
4. Grant access and allow app permissions
5. Focus camera on the QR code in textbook
6. Click to Play QR code specific e-resource(s)

HOW TO ACCESS E-RESOURCES USING QR CODE ON DESKTOP?

1. Under the QR code you will find a alphanumeric code
2. Type <https://diksha.gov.in/as/get>
3. Type the alphanumeric code in the search bar
4. View list of e-resources available and click on any e-resource of your choice

CONTENTS

	Chapter	Page No
1	Shapes and Spatial Understanding	6-17
2	Number	18-33
3	Length	34-43
4	Money	44-54
5	Circle	55-60
6	Multiplication	61-70
7	Data Handling	71-76
8	Division	77-87
9	Pattern	88-96
10	Weight	97-106
11	Fraction	107-120
12	Capacity	121-127
13	Perimeter and Area	128-133
14	Time	134-145
	Mental Arithmetic	146-149
	Learning Outcome	150-151