### Social Science

# Resources and Development



Textbook in Geography for Class VIII





राष्ट्रीय शेक्षिक अनुसंधान और प्रशिक्षण परिषद् NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING

#### 0858 - Resources and Development Textbook for Class VIII

ISBN 978-81-7450-816-4

#### First Edition

February 2008 Magha 1929

#### Reprinted

February 2009, January 2010, January 2011, January 2012, November 2012, November 2013, November 2014, December 2015, December 2016, December 2017, January 2019, September 2019, January 2021, August 2021, November 2021

#### **Revised Edition**

September 2022 Ashwina 1944

#### **PD 490T BS**

© National Council of Educational Research and Training, 2008, 2022

₹ 60.00

Printed on 80 GSM paper with NCERT watermark

Published at the Publication Division by the Secretary, National Council of Educational Research and Training, Sri Aurobindo Marg, New Delhi 110 016 and printed at New Bharat Offset Printers, B-16, Sector-6, Noida 201 301 (UP)

#### ALL RIGHTS RESERVED

- □ No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without the prior permission of the publisher.
- ☐ This book is sold subject to the condition that it shall not, by way of trade, be lent, re-sold, hired out or otherwise disposed of without the publisher's consent, in any form of binding or cover other than that in which it is published.
- ☐ The correct price of this publication is the price printed on this page, Any revised price indicated by a rubber stamp or by a sticker or by any other means is incorrect and should be unacceptable.

#### OFFICES OF THE PUBLICATION DIVISION, NCERT

NCERT Campus Sri Aurobindo Marg New Delhi 110 016

Phone: 011-26562708

108, 100 Feet Road Hosdakere Halli Extension Banashankari III Stage Bangaluru 560 085

Phone: 080-26725740

Navjivan Trust Building P.O. Navjivan

Ahmedabad 380 014 Phone: 079-27541446

CWC Campus Opp. Dhankal Bus Stop Panihati

Kolkata 700 114 CWC Complex

Maligaon Guwahati 781 021

Phone: 0361-2674869

Phone: 033-25530454

#### **Publication Team**

Head, Publication

Division

: Anup Kumar Rajput

Chief Production : Arun Chitkara

Officer

Chief Business Manager : Vipin Dewan

Chief Editor (In charge) : Bijnan Sutar

Editor : R.N. Bhardwaj

Assistant Production : Deepak Jaiswal

Officer

#### Cover, Layout and Illustrations

Blue Fish

#### Cartography

Cartographic Designs Agency



The National Curriculum Framework (NCF), 2005, recommends that children's life at school must be linked to their life outside the school. This principle marks a departure from the legacy of bookish learning which continues to shape our system and causes a gap between the school, home and community. The syllabi and textbooks developed on the basis of NCF signify an attempt to implement this basic idea. They also attempt to discourage rote learning and the maintenance of sharp boundaries between different subject areas. We hope these measures will take us significantly further in the direction of a child-centred system of education outlined in the National Policy on Education (1986).

The success of this effort depends on the steps that school principals and teachers will take to encourage children to reflect on their own learning and to pursue imaginative activities and questions. We must recognise that, given space, time and freedom, children generate new knowledge by engaging with the information passed on to them by adults. Treating the prescribed textbook as the sole basis of examination is one of the key reasons why other resources and sites of learning are ignored. Inculcating creativity and initiative is possible if we perceive and treat children as participants in learning, not as receivers of a fixed body of knowledge.

These aims imply considerable change in school routines and mode of functioning. Flexibility in the daily time-table is as necessary as rigour in implementing the annual calendar so that the required number of teaching days are actually devoted to teaching. The methods used for teaching and evaluation will also determine how effective this textbook proves for making children's life at school a happy experience, rather than a source of stress or boredom. Syllabus designers have tried to address the problem of curricular burden by restructuring and reorienting knowledge at different stages with greater consideration for child psychology and the time available for teaching. The textbook attempts to enhance this endeavour by giving higher priority and space to opportunities for contemplation and wondering, discussion in small groups, and activities requiring hands-on experience.

The National Council of Educational Research and Training (NCERT) appreciates the hard work done by the textbook development committee responsible for this book. We wish to thank the Chairperson of the advisory committee for textbooks in Social Sciences, at the upper primary level, Professor Hari Vasudevan and the Chief Advisor for this book, Vibha Parthasarathi, for guiding the work of this committee. Several teachers

contributed to the development of this textbook; we are grateful to their principals for making this possible. We are indebted to the institutions and organisations which have generously permitted us to draw upon their resources, material and personnel. We are especially grateful to the members of the National Monitoring Committee, appointed by the Department of Secondary and Higher Education, Ministry of Human Resource Development under the Chairpersonship of Professor Mrinal Miri and Professor G.P. Deshpande, for their valuable time and contribution. As an organisation committed to systemic reform and continuous improvement in the quality of its products, NCERT welcomes comments and suggestions which will enable us to undertake further revision and refinement.

New Delhi 30 November 2007 Director National Council of Educational Research and Training



## RATIONALISATION OF CONTENT IN THE TEXTBOOKS

In view of the COVID-19 pandemic, it is imperative to reduce content load on students. The National Education Policy 2020, also emphasises reducing the content load and providing opportunities for experiential learning with creative mindset. In this background, NCERT has undertaken the exercise to rationalise the textbooks across all classes. Learning Outcomes already developed by the NCERT across classes have been taken into consideration in this exercise.

## Contents of the textbooks have been rationalised in view of the following:

- Overlapping with similar content included in other subject areas in the same class
- Similar content included in the lower or higher class in the same subject
- · Difficulty level
- Content, which is easily accessible to students without much interventions from teachers and can be learned by children through self-learning or peer-learning
- Content, which is irrelevant in the present context

This present edition, is a reformatted version after carrying out the changes given above.



### CHAIRPERSON, ADVISORY COMMITTEE FOR TEXTBOOKS IN SOCIAL SCIENCES AT THE UPPER PRIMARY LEVEL

Hari Vasudevan, *Professor*, Department of History, University of Calcutta, Kolkata

#### CHIEF ADVISOR

Vibha Parthasarathi, Principal (Retd.), Sardar Patel Vidyalaya, New Delhi

#### **M**EMBERS

Anindita Datta, *Lecturer*, Delhi School of Economics, University of Delhi, Delhi

Anshu, Reader, Kirorimal College, University of Delhi, Delhi

Aparna Pandey, Lecturer, DESSH, NCERT, New Delhi

Bhagirathy Jhingran, TGT, Pathways World School, Gurgaon

Meera Hoon, TGT, Modern School, Barakhamba Road, New Delhi

Punam Behari, Vice Principal, Miranda House, University of Delhi, Delhi

Samita Dasgupta, PGT, Anandalaya, Anand, Gujarat

Srinivasan K., TGT, Mallya Aditi International School, Bangalore

Syamala Srivatsa, TGT, Sardar Patel Vidyalaya, New Delhi

#### MEMBER-COORDINATOR

Tannu Malik, *Lecturer*, Department of Education in Social Sciences and Humanities, NCERT, New Delhi



The National Council of Educational Research and Training acknowledges the contributions of Pramila Kumar, Professor (Retd), Bhopal and Shipra Nair, Darjiling in the development of this textbook.

Acknowledgements are also due to Savita Sinha, Professor and Head, Department of Education in Social Sciences and Humanities, NCERT, for her valuable support at every stage of preparation of this textbook.

The Council is also grateful to the individuals and organisations as listed below for providing various photographs, illustrations and activities used in this textbook: Anshu, Reader, Kirorimal College, Delhi for Figs. 2.5, 2.15 and 3.14; Srinivasan K., TGT, Mallya Aditi International School, Bangalore, for picture of varieties of maize on page 27; Krishan Sheoran from Austria for Fig. 2.1; Mohammad Aslam, Learning Touch, New Delhi, for Fig. 3.4; R.C. Das, CIET, NCERT, for Figs. 2.8, 2.10 and picture of bamboo on page 32; Nimisha Kapoor for the photographs of the windmill, children and the potter on the cover; Blue Fish for Fig. 1.1 and a picture of a notebook on page 32; National Disaster Management Division, Ministry of Home Affairs for pictures of retention wall, Union Carbide Factory and rescue operation in Gao Qiao on page 10, 35 and 36 respectively; Department of Industry, Government of Bihar for Figs. 3.5, 3.6, 3.13 and 4.1; Directorate of Extension, Ministry of Agriculture, I.A.R.I Campus, New Pusa, New Delhi for Figs. 2.9, 3.9, 3.10, 3.11 and 3.14; Ministry of Environment and Forests, Government of India for Figs. 2.11, 2.12, 2.13, 2.14, 2.16, 2.17, 2.18 and 2.19 and a picture of a vulture on page 16; COMFED, Patna for Fig. 4.2; Social Science Textbook for Class VIII, Part II (NCERT, 2005) for Figs. 2.6, 2.7, 3.7, 3.8, 3.12, 3.16, 3.17, 3.18 and a picture of landslide on page 10; The Times of India, Hindustan Times and Indian Express for news in a collage on page 18 and Kushal Sharma, Reader, Kirorimal College, New Delhi for a case study of landslide on page 10.

The Council also gratefully acknowledges the contribution of Uttam Kumar, Anil Sharma and Moqaddas Azam, *DTP Operators*; Ajay Singh, Satish Jha, *Copy Editors* and Dinesh Kumar, *In charge*, Computer Station who have helped in giving a final shape to this textbook. The contribution of the Publication Department, NCERT is also duly acknowledged.

The Council acknowledges the valuable inputs for analysing syllabi, textbooks and the content, proposed to be rationalised for this edition by Kulprit Singh, *PGT Geography*, Navyug School, Chanakyapuri; Pushpendra Singh, *PGT Geography*, Prudence School, Ashok Vihar; Aparna Pandey, *Professor*, DESS and Tannu Malik, *Professor*, DESS, NCERT.



Foreword	iii
Rationalisation of Content in the Textbooks	v
Chapter 1 Resources	1 - 6
Chapter 2	7 – 21
Land, Soil, Water, Natural Vegetation and Wildlife Resources	
Chapter 3 Agriculture	22 - 31
Chapter 4 Industries	32 – 43
Chapter 5	44 – 53
Human Resources	

