

Foreword

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-tables is as necessary as rigour in implementing the annual calendar so that the required number of teaching days are actually devoting 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 problem. 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.

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Director
National Council of Educational
Research and Training

Textbook Development Committee

CHAIRPERSON, ADVISORY COMMITTEE FOR SOCIAL SCIENCE TEXTBOOKS AT THE HIGHER SECONDARY LEVEL

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

CHIEF ADVISOR

Tapas Majumdar, *Professor Emeritus of Economics*, Jawaharlal Nehru University, New Delhi.

ADVISOR

Satish Jain, *Professor*, Centre for Economics Studies and Planning, School of Social Sciences, Jawaharlal Nehru University, New Delhi

MEMBERS

Debarshi Das, *Lecturer*, Department of Economics, Punjab University, Chandigarh

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Sanmitra Ghosh, *Lecturer*, Department of Economics, Jadavpur University, Kolkata

Malbika Pal, *Sr Lecturer*, Department of Economics, Miranda House, New Delhi

MEMBER-COORDINATOR

Jaya Singh, *Lecturer*, Economics, Department of Education in Social Sciences and Humanities, NCERT, New Delhi

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