



REPORT
ON
PRIMARY-JUNIOR BASIC
SCHOOLS

(ENROLMENT 200 AND ABOVE)

PART I



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NATIONAL BUILDINGS ORGANISATION
(MINISTRY OF WORKS & HOUSING)
NEW DELHI

Composition of the "Panel on School Buildings" constituted by the Government of India, Ministry of Works, Housing & Supply (Now W & H) for laying down norms and standards to guide the designs of School Buildings.

Chairman

Shri C.B. Patel, Director, National Buildings Organisation, New Delhi.

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| 1. Shri J. P. Naik, Adviser, Primary Education, New Delhi. | Ministry of Education. |
| 2. Shri H. D. Nargolwala, Housing Adviser, Ministry of W & H, New Delhi. | Ministry of Works & Housing. |
| 3. Shri M. M. Rana, Senior Architect, Central P.W.D., New Delhi. | Central P.W.D. |
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Shri J. L. Sehgal, Dy. Director (Designs) National Buildings Organisation, New Delhi.

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INTRODUCTION

The Panel on School Buildings took up earlier for study and standardisation "Higher Secondary School Buildings". The report of the Panel giving their recommendation on space requirements and space standards for planning higher secondary schools had been published by National Buildings Organisation and copies were sent to all the Directors of Education and other concerned authorities for adoption of the space standards recommended in the report.

It was, however, felt that mere adoption of the space standards would not make the school buildings functional and economical as there were other considerations also that go to make a school fit in the educational programme and create proper atmosphere for studies. Another publication "Planning Higher Secondary School" was, therefore, brought out by the National Buildings Organisation dealing with the three planning factors viz., Education, Environment and Economy and illustrating how the space standards recommended could be realised in terms of actual design. Copies of this publication are available free from the Director of the Organisation for the use of educationists, architects and engineers.

The Primary-Junior Basic Schools next taken up for study and standardization could be classified for the purpose of space standards as schools in urban and rural areas or on the basis of enrolment. The Panel thought that the space standards and space requirements of a school in urban or rural area would depend to a great extent on the size of the school *i.e.* whether it was one teacher school or two to three teacher school or above five teacher school and that there would not be much of a difference between a school in urban or rural areas as far as space requirements were concerned. Accordingly the Panel decided to classify Primary-Junior Basic Schools in the following groups for the purposes of space standards and planning norms:

- (a) Schools with enrolment of 200 and above;
- (b) Schools with enrolment above 100 but below 200; and
- (c) Schools with enrolment up to 100.

This part of the report deals with the planning norms and space standards of Primary-Junior Basic Schools with enrolment 200 and above.

The differences in the specification of materials and methods of construction for schools in urban and rural areas have not been discussed in the report as the type of construction would vary from region to region. On the basis of the norms and standards and other recommendations made in the report, local authorities that have intimate knowledge of the area can draw out proposals to suit the site, the climate and the availability of material and labour. Few suggestions on reduction of building cost are, however, included in the report under the head "Building Economy".

The Panel gratefully acknowledges the help taken from various publications of the Union Ministry of Education and the Planning Commission. The information supplied by the Headmasters of the various schools and the Directors of Education is also gratefully acknowledged. The Panel is particularly grateful to Shri S.N. Saraf, Director of Education

(iii)

Division, Planning Commission for his keen interest in the preparation of the report.

The following officers attended the meetings of the Panel by special invitation. The Panel is credited to them for their contribution.

1. Shri M.A. Hafcez, Joint Director, National Buildings Organisation, New Delhi.
2. Shri M. S. Mehta, Architect, Municipal Corporation of Delhi.
3. Shri T. N. Dhar, Senior Research Officer, Planning Commission.
4. Shri K. N. Valenkar, Deputy Housing Adviser, Ministry of Works & Housing, New Delhi.

The Panel also records its appreciation of the nice work done by Shri M. M. Mistry and Shri I. K. Bhalla, Assistant Directors of the National Buildings Organisation.

CONTENTS

	PAGE
Programme and Philosophy	1
Magnitude of the Problem	2
Financial Allocation	3
Retrospect	4
Prospect	5
Schedule of Accommodation	5
Class Room	6
Multipurpose Class Room	7
Headmaster's Office	8
Storage	8
Sanitary Facilities	9
School Kitchen	10
Play Space	10
Residential Accommodation	11
Size of School	11
Size of Site	12
Furniture and Fixtures	13
Physical Needs	14
Specification of Finish	14
Cost	14
Building Economy	15
<i>Annexures</i>	
The Concept of Basic Education	Annexure 'A'
Questionnaire to Study the Educational Facilities	Annexure 'B'
Statistical Tables (XVII Nos.) regarding Educational Facilities in Schools Surveyed	Annexure 'C'
Schedule of Space Requirements for Primary-Junior Basic Schools	Annexure 'D'
Cost Indices	Annexure 'E'
Calculation of Building Cost Index	Annexure 'F'
Schools in Urban Areas—Break up of cost	Annexure 'G'
Schools in Rural Areas—Break up of cost	Annexure 'H'
<i>Illustrations</i>	
Typical Arrangements of Class-Room Furniture	Fig. I-A & I-B
Detail of Fittings on Teacher's Wall	Fig. II
Graph showing Average Height of Boys	Fig. III
Graph showing Average Height of Girls	Fig. IV