

Information Paper

Physical Space and Learning Environment of Primary and Secondary Schools

Purpose

This paper provides information on the physical space and learning environment of local public schools of the new standard design. Information on international schools as well as schools in the neighbouring countries is also provided.

Background

2. Following the massive school building programme in the past two decades, almost all public sector schools are now operating in purpose-built premises. Many existing schools were built to standard designs introduced in early 80s and revised designs in the 90s. Towards the end of 1997, we devised the Year 2000 design. The first batch of schools (19 primary and 9 secondary) adopting this design will come into operation starting from the 2000/01 school year.

3. The new Year 2000 designs cater reasonably well for current teaching and administrative needs. Special attention has also been paid to the provision of physical education facilities and activity space within the school compound.

Present position

Aided primary and secondary schools

4. To allow sufficient space for the current design schools, the *Hong Kong Planning Standards and Guidelines* has revised the site area requirement for aided primary and secondary schools to 6,200m² (30-classroom standard primary school) and 6,950m² (30-classroom standard secondary school) respectively. Schools are designed to achieve maximum use of the land with the smallest footprint for the building. The height of primary and secondary schools adopting the Year 2000 designs has already exceeded the 24m statutory limit to reduce the ground floor area taken by the building and thus providing more covered and open space for physical activities. In the Year 2000 design schools, we will provide as far as practicable two basketball courts on ground level and one on the roof of assembly hall block and at the same time maintain a

provision of open space of 2m^2 per pupil. Annex 1A and 1B shows the schedules of accommodation of standard primary and secondary schools respectively of Year 2000 design.

International schools

5. Under existing policy, non-profit-making international schools are eligible for consideration of land grant at nominal premium (\$1,000 with effect from 2 January 1986) subject to certain conditions. In November 1994, a Working Group on the Provision of International School Places (WG) was established to conduct an in-depth review on the provision of international school places. The WG recommended, inter alia, that the size of each school site should be on a par with that of local aided schools, depending on the number of classrooms to be built. In other words, a school site would be granted at a size similar to local aided schools. i.e. 206.7m^2 ($6,200\text{m}^2 \div 30$) per primary classroom and 267.3m^2 ($6,950\text{m}^2 \div 26^*$) per secondary classroom. Annex 2 summarises the size of sites so far granted to international schools in Hong Kong. The average area per classroom varies from one school to another due to individual site condition and is on the whole lower than the current provision for local aided schools.

Schools in neighbouring countries

6. We do not have any official data on the space provision of schools in other countries. Based on piecemeal information available from international school heads and books on building standard and design for schools, an attempt is made to outline in Annex 3 a rough comparison of classroom and sports area of primary and secondary schools in Japan, Korea and the Mainland for Members' reference.

Education Department
April 2000

* Before 1999, standard secondary school had at the most 26 classrooms.

新30室小學校舍用途分配表
New Schedule of Accommodation
for 30-Classroom Primary School

項目 Item No.	種類 Description	標準供應 Standard Provision			
		數目 No.	面積(平方米) Unit Area (m ²)	空調 A/C	總面積(平方米) Total Area (m ²)
(甲) (A)	教學室 Teaching Rooms				
1	課室 Classroom	30	67	*	2010
2	輔導教學室 Remedial Teaching Room	4	28	*	112
	特別室 Special Rooms				
3	音樂室 Music Room	1	76	*	76
4	美勞室 Art & Craft Room	1	76	*	76
5	常識室 General Studies Room	1	84	*	84
6	預備室(常識室) Preparation Room(General Studies)	1	14	有 yes	14
7	多用途教學室 Multi-purpose Room	1	84	*	84
8	電腦輔助教學室 Computer-Assisted Learning Room	1	140	有 yes	140
9	預備室(電腦輔助教學) Preparation Room(Computer-Assisted Learning)	1	35	有 yes	35
10	語言室 Language Room	1	84	*	84
11	圖書室 Library	1	112	有 yes	112
12	輔導活動室 Guidance Activity Room	1	23	有 yes	23

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13	會見室 Interview Room	2	6.5	有 yes	13
(乙) (B)	行政 Administration				
14	校長室 Headmaster's Office	1	14	有 yes	14
15	副校長室 Deputy Headmaster's Office	1	10	有 yes	10
16	訓導主任室 Discipline Master's Office	1	10	有 yes	10
17	校務處 General Office	1	50	有 yes	50
18	醫療室 Medical Inspection Room	1	12	有 yes	12
19	印刷及貯存室 Printing Room & Security Store	1	14	無 no	14
20	貯物室 General Store	1	14	無 no	14
21	教員室 Staff Room	2	134	有 yes	268
22	教員休息室 Staff Common Room	1	45	有 yes	45
23	學生輔導主任室 Student Guidance Officer's Office	1	7	有 yes	7
24	茶點間 Pantry	1	6	無 no	6
25	會議室 Conference Room	1	75	有 yes	75
(丙)	禮堂				

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(C)	<u>Assembly Hall</u>				
26	禮堂 Assembly Hall	1	368	無 no	368
27	舞台 Stage	1	93	無 no	93
28	座椅貯存室及化粧間 Chair Store and Dressing Room	1	174	無 no	174
(D)	<u>體育及活動場地</u>				
(D)	<u>Physical Education and Activity Area</u>				
29	籃球場 Basketball Court	2	450	無 no	900
30	體育貯物室 Physical Education Store	1	26	無 no	26
31	男更衣室 Boys' Changing Room	1	28	無 no	28
32	女更衣室 Girls' Changing Room	1	28	無 no	28
33	有蓋操場 Covered Playground		766	無 no	766
34	多用途場地 Multi-purpose Area	1	525	無 no	525
35	學生活動中心 Student Activity Centre	1	176	無 no	176
36	露天場地 Open Space		每學生2平方米 2 m ² per student	無 no	2400
37	園林地區 Landscape Area		500	無 no	500
(E)	<u>其他</u>				
(E)	<u>Other Areas</u>				

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38	小食部 Tuck Shop	1	20	無 no	20
39	女職員洗手間 Female Staff Toilet)
40	男職員洗手間 Male Staff Toilet)
41	男洗手間 Boys' Toilet				) 根據有關條例) 作出適當供應
42	女洗手間 Girls' Toilet				) As Appropriate
43	傷殘人仕洗手間 Disabled Toilet)
44	貯物室 Store		73	無 no	73
45	傷殘人仕/消防升降機 Disabled/Fireman's Lift				) 根據有關條例) 作出適當供應
46	變壓房 Transformer Room	1		無 no	) As Appropriate)
(己) (F)	宿舍 <u>Domestic Quarters</u>				
47	校工宿舍 Caretakers' Quarters	2	32	無 no	64

附註 Note : * - 根據消滅噪音計劃規定而供應
Provision according to noise abatement programme.

教育署
Education Department
一九九八年三月
March 1998

新30室中學校舍用途分配表
New Schedule of Accommodation
for 30-Classroom Secondary School

項目 Item No.	種類 Description	標準供應 Standard Provision			
		數目 No.	面積(平方米) Unit Area (m ²)	空調 A/C	總面積(平方米) Total Area (m ²)
(甲) (A)	教學室 Teaching				
1	課室 Classroom	30	67	*	2010
2	輔導教學室 Remedial Teaching Room	3	28	*	84
	特別室 Special Rooms				
3	音樂室 Music Room	1	110	*	110
4	多用途教學室 Multi-purpose Room	1	84	*	84
5	設計與科技工場 Design & Technology Workshop	1	325	*	325
6	美術與設計室 Art & Design Room	1	159	*	159
7	針黹/縫紉室 Needlework Room	1	105	*	105
8	家政室 Home Management Room	1	145	*	145
9	地理室 Geography Room	1	144	*	144
10	電腦室 Computer Room	1	140	有 yes	140
11	電腦輔助教學室 Computer-Assisted Learning Room	1	140	有 yes	140
12	預備室(電腦輔助教學) Preparation Room for Computer- Assistant Learning	1	35	有 yes	35

新30 室中學校舍用途分配表
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13	生物實驗室 Biology Laboratory	1	103	*	103
14	預備室(生物) Preparation Room for Biology Laboratory	1	45	有 yes	45
15	物理實驗室 Physics Laboratory	1	103	*	103
16	化學實驗室 Chemistry Laboratory	1	127	*	127
17	預備室(物理及化學) Preparation Room for Physics and Chemistry Laboratories	1	45	有 yes	45
18	物理科黑房 Dark Room for Physics	1	10	無 No	10
19	綜合科學實驗室 Integrated Science Laboratory	2	123	*	246
20	預備室(綜合科學) Preparation Room for Integrated Science Laboratories	1	45	有 Yes	45
21	語言室 Language Room	1	84	*	84
22	圖書館 Library	1	277	有 yes	277
23	輔導活動室 Guidance Activity Room	1	23	有 yes	23
24	會見室 Interview Room	2	6.5	有 yes	13
(乙) (B)	行政 Administration				
25	校長室 Principal's Office	1	14	有 yes	14

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26	副校長室 Deputy Principal's Office	2	10	有 yes	20
27	升學及就業輔導主任室 Career Master's Office	1	10	有 yes	10
28	訓導主任室 Discipline Master's Office	1	10	有 yes	10
29	校務處 General Office	1	64	有 yes	64
30	醫療室 Medical Inspection Room	1	14	有 yes	14
31	印刷及貯存室 Printing Room & Security Store	1	14	無 no	14
32	貯物室 General Store	1	14	無 no	14
33	教員室 Staff Room	2	159	有 yes	318
34	教員休息室 Staff Common Room	1	56	有 yes	56
35	學校社工辦公室 School Social Worker's Office	1	7	有 yes	7
36	茶點間 Pantry	1	6	無 no	6
37	會議室 Conference Room	1	75	有 yes	75
(丙) (C)	禮堂 Assembly Hall				
38	禮堂 Assembly Hall	1	368	無 no	368
39	舞台 Stage	1	93	無 no	93

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		數目 No.	面積 (平方米) Unit Area (m ²)	空調 A/C	總面積 (平方米) Total Area (m ²)
40	坐椅貯存室及化粧間 Chair Store and Dressing Rooms	1	174	無 no	174
(丁) (D)	體育及活動場地 Physical Education and Activity Area				
41	籃球場 Basketball Court	2	450	無 no	900
42	體育貯物室 Physical Education Store	1	52	無 no	52
43	男更衣室 Boys' Changing Room	1	56	無 no	56
44	女更衣室 Girls' Changing Room	1	56	無 no	56
45	有蓋操場 Covered Playground	1	766	無 no	766
46	多用途場地 Multi-purpose Area	1	580	無 no	580
47	學生活動中心 Student Activity Centre	1	176	無 no	176
48	園林地區 Landscape Area		500		500
49	露天場地 Open Space		每學生2平方米 2m ² per student		2320
(戊) (E)	其他 Others Areas				
50	小食部 Tuck Shop	1	20	無 no	20
51	女職員洗手間 Female Staff Toilet)))		無 no)))

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52	男職員洗手間 Male Staff Toilet))	無 no)
53	男洗手間 Boys' Toilet))	無 no)根據有關條例)作出適當供應
54	女洗手間 Girls' Toilet))	無 no) as appropriate
55	傷殘人仕洗手間 Disabled Toilet	)	)	無 no)
56	貯物室 Stores	)	112	無 no	112
57	傷殘人仕/消防升降機 Disabled/Fireman Lift	)	)	)	根據有關條例 作出適當供應
58	變壓房 Transformer Room	)	)	)	as appropriate
(己) (F)	宿舍 <u>Domestic Quarters</u>				
59	職工宿舍 Caretakers' Quarters	2	32	無 No	64

附註 Note : * : 根據消滅噪音計劃規定而供應
Provision according to noise abatement programme.

教育署
一九九八年三月
Education Department
March 1998

Information on Physical Space of International Schools in Hong Kong

School Name	Site Area (m ²)	* No. of Classrooms	# Site Area per classroom (m ²)	Remarks
Australian Int'l School	5 780	25	231.2	Secondary & Primary
Canadian Int'l School	10 300	48	214.6	Secondary & Primary
Chinese Int'l School	9 799	45	217.8	Secondary & Primary
Japanese Int'l School	9 200	40	230	Primary
Korean Int'l School I.L. No. 8802	4 000	24	166.7	Secondary & Primary
Extension to I.L. No. 8802	1 808	9	200.9	Secondary & Primary
French Int'l School Price Road	5 806	35	165.9	Primary
Blue Pool Road	5 230	36	145.3	Secondary
German Swiss Int'l School RBL 959	2 787	25	111.5	Secondary & Primary
RBL 1097	2 930	16	183.1	Secondary & Primary
RBL 1069	3 550	11	322.7	Primary
Hong Kong Int'l Sch RBL 870	4 034	24	168.1	Secondary & Primary
RBL 911	5 574	30	185.8	Secondary & Primary
RBL 1079	7 900	32	246.9	Secondary
RBL 1108	10 250	28	246.9	Secondary
Singapore Int'l School	4 150	24	172.9	Primary

* Required by Conditions of land grant

Standard site areas of local aided schools are : 206.7 m² per primary classroom and 267.3 m² per secondary classroom.

Annex 3

Below is a rough comparison of building areas of primary and secondary schools in Hong Kong and nearby countries based on a 30-classroom situation for reference only.

Primary School

Area (m²)	Hong Kong	Japan	Korea[@]	Mainland China
Site area	6 200	29 640	3 480	12 690
Building area	10 530	18 948	no information	6 746
Classroom area	67	58	no information	52
Outdoor playground	2 350	10 692 (excluding swimming pool)	3 000	5 278

Secondary School

Area (m²)	Hong Kong	Japan	Korea[@]	Mainland China
Site area	6 950	36 153	5 340 *	15 188
Building area	11 860	22 491	no information	8 582
Classroom area	67	58	no information	61
Outdoor playground #	2 700	13 662	4 500	5 106

@ Information provided by the Korean International School

* Averaged figure for junior and senior secondary levels of different streams.

Excluding landscaped area.