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REPUBLIC OF SOUTH AFRICA
PROVINCE OF THE CAPE OF GOOD HOPE
DEPARTMENT OF EDUCATION

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REPORT
OF THE
DIRECTOR
OF
EDUCATION
FOR THE YEAR
1977



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DEPARTMENT OF EDUCATION
CAPE OF GOOD HOPE

REPORT OF THE
DIRECTOR OF EDUCATION
for the year
1977

Department of Education
CAPE TOWN

3 January 1978

The Honourable the Administrator
CAPE TOWN

Sir

I have the honour to submit to you the report on education in the Cape Province for the year 1977. In Chapter I a résumé of the most important developments that have taken place in the field of education. Other events and changes which occurred during 1977 are included in the chapters dealing with the respective aspects. The report once again reflects the ever-increasing development in almost all spheres of education.

During September 1977 the number of pupils was 230 342, representing an increase of 341 over a period of 12 months.

An important feature of the year under review was the conclusion of extensive agreements with the Universities of Cape Town, Stellenbosch and Port Elizabeth to train primary and pre-primary teachers in close collaboration with the seven Teachers' Colleges.

Special mention should also be made of the introduction of vacation courses and distance tuition for teachers by the Institute for Mathematics and Science Teaching at the University of Stellenbosch to replace the existing crash courses. The courses in question are Mathematics, Biology and Physical Science. During 1978 these courses will be offered to selected teachers who are not fully qualified in the relevant subjects.

By way of this report I take great pleasure in thanking you sincerely, on behalf of myself, my colleagues in the Department, the corps of teachers, parents, pupils and the public of the Cape Province, for the assistance and goodwill received from you and from the members of the Executive Committee. In a postscript to the accompanying letter to my previous annual report I made mention of the irreparable loss we suffered with the sudden passing away of the late Mr G. J. Lubbe, M.E.C., and I added that he would always be dearly remembered. I can already testify that we often remember him fondly. His successor, Mr F. A. Loots, M.E.C. has proved himself an old friend of education, and I wish to extend to him a special word of thanks for his excellent support and co-operation. His obligingness and understanding of the problems of education have facilitated our numerous tasks.

In conclusion I wish to express my sincere gratitude for the loyal and dedicated services of the officials in the Department and of teachers and lecturers in our schools and colleges. I fully appreciate the importance of their work.

I have the honour to be, Sir,
Your obedient servant,

P. S. MEYER
Director of Education

CHAPTER I

DEVELOPMENTS IN THE FIELD OF EDUCATION

1. *General Policy regarding Education in Schools and the Training of Teachers*

During 1977 the Honourable the Minister of National Education amended his previous statement of policy regarding the appellation of certificates (published on p. 6 of the previous annual report) by replacing paragraph (1) by the paragraph below:

“(a) B.A. (Educationis), B.Sc (Educationis), etc. —

The appellation of a four-year bachelor's degree combining an academic course with training in teaching and awarded to persons as a qualification to teach in secondary, primary or pre-primary schools, shall contain as part of the appellation of the degree and the word 'Educationis' in brackets at the end thereof: Provided that the appellation Bachelor of Primary Education (B. Prim. Educationis), with the word 'Educationis' not in brackets, may also be used if the degree is awarded to persons as a qualification to teach in primary schools.”

2. *Administrators' Conference, September 1977*

At the latest conference the following educational matters of common concern were dealt with:

2.1 *Annual Travel Concessions for Teachers*

In the previous annual report mention was made of the fact that it had been decided at the previous Administrators' Conference that representations were to be made to the South African Railways that the travel concessions as applicable to public servants should also apply to the dependants of teachers. During the latest conference it was noted that the representations had not been successful, and it was decided to leave the matter at that.

2.2 *Hostels: Financial Support in respect of the Boarding Fees of White Pupils resident in Independent Homelands*

Conference resolved that should a White child of a South African citizen resident in an independent homeland attend a school in the Republic and be accommodated in a hostel attached to such school, the province in which the school is situated shall determine the amount of the allowance and take financial responsibility for the grant.

3. *Activities of the Committee of Educational Heads*

During 1977 the Committee of Educational Heads held five meetings. As in the past the Committee aimed at furthering co-ordination in education, and that within the framework of the National Education Policy Act (Act 39 of 1967). In the performance of its task the Committee was assisted by its standing interdepartmental advisory committees and *ad hoc* committees which rendered exceptional services. Particulars in regard to the activities of the Committee of Educational Heads are furnished in its report for the year 1977. The most important of these are indicated below:

3.1 *Salary Structure for Teaching Staff*

During the year the new post and salary structure for teachers received further attention, but the national economy did not allow the implementation thereof.

3.2 *Staffing Quotas in respect of Teachers in view of the New System of Differentiated Education*

The date of commencement for the progressive implementation of the staffing quotas over a period of 5 years was changed to 1 January 1978, and approval has been obtained for the addition of staffing quotas for special classes and special schools.

3.3 *Advice to the Minister in respect of representations by various persons and organisations*

The Committee submitted recommendations to the Minister on, *inter alia*, the following representations received from various quarters:

- (1) The teaching of and the syllabus for Physical Science.
- (2) Suggestions for the alleviation of the shortage of teachers.
- (3) Marriage and family guidance for South African High Schools.
- (4) Instruction of the gifted and talented child.
- (5) Cadet training systems and compulsory national military service.
- (6) The diversity in the application of the National Education Policy Act, 1967 (Act 39 of 1967).
- (7) Specific training in the field of minimal brain dysfunction.
- (8) Positive image of South Africa in our schools.
- (9) The Practical Course.
- (10) School holidays.

3.4 *Ad hoc committees appointed by the Committee of Educational Heads*

- (1) *Ad hoc* committee which had to hold a discussion with representatives of the South African Teachers' Council for Whites.

An *Ad hoc* committee was constituted to finalise the administrative procedures involved in the registration of teachers as a matter of exigency to come to an agreement with the educational heads on this issue and to put the registration into operation. In addition, consultations were also held regarding the determination of a date for registration of teachers, the draft code of conduct and liaison between the Committee of Educational Heads and the Teachers' Council for Whites.

(2) *Ad hoc* committee to compile an Information Sheet on the new dispensation in Education.

An *Ad hoc* committee was constituted to compile an information sheet on both the new dispensation in education and advancement on merit, to consult with the Public Service Commission in this connection, and to make recommendations to the Committee of Educational Heads.

3.5 *Abridgement of Core Syllabi for Physical Science, Biology and Mathematics*

In collaboration with the Joint Matriculation Board, the Committee abridged the core syllabi for the abovementioned three subjects for Standard 10 Higher Grade (HG) and Standard Grade (SG).

3.6 *Participation in Sports at Inter-provincial level by Primary School Pupils*

The Committee reconfirmed its standpoint that it does not approve of participation in sports at inter-provincial level by primary school pupils.

3.7 *Further Training of Serving Teachers*

The Committee accepted the principle that serving teachers of one department could be further trained at a College for Further Training of another department, and determined procedures to this effect.

3.8 *Applications from Outsiders for admission to schools, and representations from Outsiders regarding Competitions and Curricula in Schools*

The Committee again receive applications/representations from various quarters in connection with the above.

The Committee has, *inter alia*, decided that —

- (a) competitions cannot be given official support;
- (b) guidance in connection with careers may be given to pupils through the agency of the guidance teacher only, and
- (c) in the effective implementation of differentiated education and the needs in the various fields of study it will not be possible to single out individual subjects for priority in the guidance programme. The aptitude, competence and interests of pupils should have preference in such guidance.

4. *General*

4.1 *The Selection Committee*

The Selection Committee is responsible for the selection of applicants for the posts of Heads of Departments, Deputy Principals and Principals of High, Secondary and Special Schools, as well as of Primary Schools, including Preparatory and Pre-primary schools with a grading of P.3 and upwards.

The more liberal allocation of posts of Head of a Department has brought about a considerable increase in the number of posts and applications dealt with. The number of posts and applications dealt with during 1977 is as follows:

SCHOOLS	Heads of Departments		Deputy Principals		Principals		TOTAL	
	Posts	Applications	Posts	Applications	Posts	Applications	Posts	Applications
Primary, Preparatory and Pre-Primary Schools	93	983	11	177	51	599	155	1 759
High, Secondary and Special Schools	247	1 630	20	263	40	521	307	2 414
TOTAL	340	2 613	31	440	91	1 120	462	4 173

It has once again become clear that school committees, advisory committees and other bodies of control appreciate the services rendered by the Selection Committee.

4.2 *The Education Bureau*

The fruitful co-operation in the field of departmental and interdepartmental research — also with the Faculty of Education, the Institute for Language Teaching and the Institute for Mathematics and Science Teaching of the University of Stellenbosch — has been further extended. The diversity of research at master's and doctoral level has reached considerable proportions.

Several research projects were undertaken, memoranda and reports on various educational matters were drawn up, and committee work was done over a wide field.

The following are included in the most important research projects completed:

The Position of Teaching Staff in all School Phases and School Types in the Cape Province as on 15 April 1977.

Estimate in advance of the number of teachers required annually to fulfil the Educational Needs in all School Phases and School Types in the Cape Province during the Period 1977-1982.

Developments in Education in the Cape Province, 1977.

Examination results in the November/December Examinations, 1976.

Exceptional progress has been made in the extensive research on Youth Preparedness, and the report should be completed early in 1978.

Important work was also undertaken in connection with, *inter alia*, the following:

The Practical Course, the Admission of Male Students to the Cape Town Teachers' College, the Selection of Student Teachers for (a) Bursaries, and (b) Admission to Teachers' Colleges, and Translation which has reached considerable proportions.

4.3 The Administrative Inspectorate

During the year this section carried out the following number of administrative and special investigations at educational institutions:

	Administrative Investigations	Special Investigations	TOTAL
School Board Offices	31	3	34
Technical and Commercial High Schools ..	7	—	7
Agricultural Schools	2	—	2
High Schools	—	1	1
Primary Schools	—	3	3
Special Schools	1	1	2
Hostels	159	—	159
GRAND TOTAL	200	8	208

During the year courses on the application of the system of merit assessment were also offered to a total of 93 senior officials of the School Board Service.

4.4 Walvis Bay: Take-over by the Cape Provincial Administration

In terms of a proclamation by the State President the harbour and settlement of Walvis Bay were incorporated with the Cape Province with effect from 1 September 1977. Since the said date the Administration of South West Africa has been administering this territory on an agency basis on behalf of the Cape Provincial Administration in so far as provincial matters are concerned. At Walvis Bay there are one high school and four primary schools which were taken over by the Administration. Since then it has been decided that the Administration will take over the direct control as from 1 April 1978.

4.5 East Griqualand: Integration with Natal

On 17 May 1977 the Provincial Council accepted a motion that East Griqualand be incorporated with Natal. It is expected that such incorporation will take place on 1 April 1978. There are six departmental schools in this area.

4.6 Co-operation between Teachers' Colleges and Universities

A highlight was reached in the training of Teachers when, after intensive negotiations, it was decided that the seven teachers' colleges, in close collaboration with the Universities of Cape Town, Stellenbosch and Port Elizabeth, would train primary and pre-primary teachers as from 1978. In view of this extensive agreements were concluded with the universities. These agreements provide, *inter alia*, for the establishment of College Councils and College Senates. Educationists representing the colleges and universities on these bodies will deal with all matters relating to the training of teachers under the control of the Department.

4.7 Outdoor Education

Bearing in mind the importance of outdoor education, the Executive Committee approved the creation of 4 posts of teacher on the establishment of the Teachers' Centre in Mowbray, with effect from 1 April 1977. These teachers assist in the organisation and presentation of outdoor education programmes for pupils in provincial schools at the School in the Wilds and the Youth Trust of the Western Cape.

4.8 Introduction of Vocation Courses and Distance Tuition for Teachers by the Institute for Mathematics and Science Teaching of the University of Stellenbosch

The Executive Committee granted approval for the introduction of vocation courses and distance tuition for teachers by the Institute for Mathematics and Science Teaching of the University of Stellenbosch, to replace the existing crash courses. Forty students have been selected to attend the courses which will be presented at Stellenbosch as from January 1978, viz. 20 for Biology and 20 for Mathematics. The remaining vocation course, viz. the Course in Physical Science, will commence in July 1978, and the candidates for this course will be selected in due course.

4.9 Selection of Students for the Training of Teachers and the Granting of Financial Assistance

A revised procedure regarding both the selection of students for admission to Teachers' Colleges and the granting of bursaries to all students was introduced during 1977. The increasing interest in the teaching profession which has marked recent years has necessitated a stricter system of selection based on a scientific determination of future educational needs. Competition in a number of fields of study was so strong that a considerable number of applications for bursaries could unfortunately not be granted.

4.10 Youth Choir of the Tygerberg Region

Without any financial support from the Administration, the Tygerberg Youth Choir has developed into one of the best in the country. In order to encourage further development the Executive Committee has resolved to grant the choir a subsidy of up to R5 000 per annum. This subsidy will be appropriated towards curtailing expenses in connection with transport, advertising, the hiring of halls, printed matter, sheet music and uniforms.

4.11 Teachers' Centre at East London

During the year a teachers' centre was established at East London, bringing the total number of centres of this kind to three. The other two centres are situated in Cape Town and Port Elizabeth.

4.12 Take-over of the Barkly House Teachers' College for Pre-primary Education in Claremont, Cape Town

During 1977 negotiations were concluded with the Department of National Education in regard to the take-over of the abovementioned college by the Administration. The college will be taken over on 1 January 1978, which will bring the total number of teachers' colleges under the Department to eight.

4.13 New Staffing Quotas

During 1977 an information sheet in connection with the new staffing quotas was sent to all educational institutions concerned. The quotas will be implemented over a 5 year period. In this dispensation the allocation of additional posts is primarily aimed at removing the main problems in the system of differentiated education and rendering relief to existing staff.

4.14 Tuition in Tswana

As in the case of Xhosa, Tswana has initially been introduced as a non-examination subject in primary schools of the Kimberley Inspection Region.

4.15 Computer Studies as Seventh Subject

In 1977 Computer Studies was introduced as a seventh subject in the School Board Districts of Cape Town and Parow. Terminals connected to the computer in the Provincial Buildings have been installed at three high schools, and pupils of various schools have been receiving instruction after school hours at the three centres in both the theoretical and the practical sections of the syllabus.

4.16 Family Guidance

A Family Guidance Programme has been completed and will be introduced on an experimental basis in 20 selected schools in two inspection regions (Cape Town and Parow) during 1978-79.

	TOTAL INCREASE	TOTAL ENROLLMENT	SECOND QUARTER
1977	1 222	218 222	172
1978	2 222	242 100	178
1979	3 222	266 000	184

CHAPTER II

PRIMARY AND SECONDARY EDUCATION

Number of Teachers' Colleges and Schools

The following table shows the number of teachers' colleges and schools over the past four years:

THIRD QUARTER	1974	1975	1976	1977
Teachers' Colleges	8	8	7	7
*Vocational Schools	23	13	13	13
Commercial Schools	—	10	11	10
High Schools	220	221	222	225
Art High Schools	1	1	1	—
Agricultural High Schools	6	6	6	6
Secondary Schools	33	30	27	25
Special Schools	8	8	8	9
Primary Schools	620	608	594	575
Church Schools	22	22	21	21
Hospital Schools	9	9	9	9
Farm Schools	3	1	—	—
Pre-Primary Schools	5	5	6	8
TOTAL	958	942	925	908

*Since 1 January 1975 Commercial High Schools have been under the control of the Schools Boards in their respective districts. This accounts for the decrease in the number of vocational schools.

During the period under review the number of schools decreased by 17 compared with the number for the previous year.

There was a decrease of one Commercial High School owing to the fact that the Stellenbosch Commercial High School became an *ad hoc* high school.

There was an increase of three high schools as a result of the establishment of the Fairbairn and Fairmont High Schools (School Board District of Parow) and the fact that the Stellenbosch Commercial High School became an *ad hoc* high school.

As a result of the closing of the Belgravia Art High School (School Board District of East London) this Department no longer has any Art High Schools.

The number of secondary schools decreased by two owing to a change in the status of Greyton Secondary School (School Board District of Caledon) and Redelinghuys Secondary School (School Board District of Piketberg) to that of Primary Schools.

The establishment of the Weskus Special School (School Board District of Hopefield) caused an increase in the number of Special Schools.

Altogether 24 primary schools in both rural and urban areas were closed. Three new primary schools were established, viz. the Sun Valley Primary School (School Board District of the Cape) as well as Keiskammahoek and Kei Road Primary Schools (School Board District of King William's Town), while two secondary schools were classified as primary schools. This resulted in a decrease of 19 in the number of primary schools.

The number of pre-primary schools increased by two owing to the establishment of the Hex Valley Pre-primary School (School Board District of Worcester) and the Pre-primary School at King William's Town.

Enrolment

The total enrolment in all the abovementioned institutions (teachers' colleges and vocational schools included) was 243 151 at the end of the second quarter of 1977. This represents an increase of 961 compared with the number of pupils and student-teachers enrolled in 1976.

The following table shows the enrolment and the annual increase for the years 1975 to 1977:

SECOND QUARTER	TOTAL ENROLMENT	TOTAL INCREASE
1975	238 817	1 352
1976	242 190	3 373
1977	243 151	961

The enrolment figures for 1977 include 226 Chinese pupils. The number of primary and pre-primary pupils at the end of the second quarter of 1977 was 151 227. This is an increase of 80 compared with the number for 1976. In 1975 there was an increase of 233 compared with the number for the corresponding period in 1974, while in 1976 there was an increase of 1 537 compared with the number for 1975.

The secondary enrolment for 1977 shows an increase of 832 on that of the previous year.

The following statistical table shows the figures for the period 1974 to 1977:

YEAR	NUMBER OF SECONDARY PUPILS	ANNUAL INCREASE
1974	85 498	974
1975	86 588	1 090
1976	88 418	1 830
1977	89 250	832

The percentage distribution of pupils in standards 6 to 10 over the past ten years is given in the table appearing in Appendix H. This indicates that the distribution of pupils in the higher secondary standards is reasonably constant. The following are the statistics for the years 1975 to 1977:

YEAR	STANDARD 6	STANDARD 7	STANDARD 8	STANDARD 9	STANDARD 10
1975	100	97	88	75	59
1976	100	98	90	75	65
1977	100	97	92	77	66

SYLLABUSES AND EXAMINATIONS

Syllabuses

Syllabuses for the following subjects in the primary school have been adapted and will be published as soon as it has been decided when they will be introduced:

- Afrikaans First Language
- Afrikaans Second Language
- Art Education
- English First Language
- English Second Language
- Environment Study
- Geography
- Handwork for Boys Standards 2-4
- Health Education Standards 2-4
- Mathematics
- Needlework for Standards 2-4

The syllabus for Handwriting was published and copies were made available to schools.

Approval has been granted to 6 schools to offer Tswana as a non-examination subject in Standards 3 to 5.

Syllabuses for the following subjects in Special Classes and Special Schools were published and introduced.

Special Classes

- Afrikaans First Language
- Afrikaans Second Language
- English First Language
- English Second Language
- History - Geography
- Mathematics
- Practical work
- Science including Hygiene

Special Schools

- Afrikaans First Language
- Afrikaans Second Language
- English First Language
- English Second Language
- Hairdressing
- History - Geography
- Institutional Management
- Mathematics
- Motor Vehicle Repairing

Panelbeating
 Science including Hygiene
 Sheetmetalwork
 Spraypainting (Practical)
 Windowdressing and Signwriting
 Woodworking

The syllabuses for Copy Typing in Special Schools has also been finalised and will be published shortly. The form of the letter in Xhosa was published and introduced in Standards 7 to 10 as from January 1977. The adapted syllabus for Functional Mathematics has been finalised and will be introduced in technical high schools as from January 1978.

The Department granted approval to high schools in the Cape Peninsula to introduce Computer Studies in Standard 8 in 1977 and also to high schools in Port Elizabeth to introduce the subject in Standard 8 in 1978 and progressively in Standards 9 and 10 in the following years.

Teachers' Guides for Family Guidance have been drawn up and the Department has chosen 20 schools (13 high schools, 5 primary schools, and 2 preparatory schools) to offer the Family Guidance programme on an experimental basis for the period 1978-1979. Orientation Courses for teachers involved in the teaching of the programme will be held next year.

Senior Certificate Examination

The following is an analysis of the results obtained in the Senior Certificate Examination over the past two years:

	1976	1977
Number of Candidates who wrote the whole examination	14 084	14 078
Number of Passes	12 935	13 060
Percentage of Passes	91,8	92,8
Number of Failures	1 149	1 018
Percentage of Failures	8,2	7,2
Number who took a course leading to Matriculation Exemption	6 721	7 472
Number who obtained Matriculation Exemption	4 992	5 706
Percentage who obtained Matriculation Exemption of the total number who wrote the whole Examination	35,4	40,5
Percentage who obtained Matriculation Exemption of the total number who offered Matriculation Exemption subjects	74,3	76,4

In future merit awards of R200 per annum, tenable for three years, will be granted to candidates from Departmental High Schools in the Cape Province who —

- (a) pass the Senior Certificate Examination;
- (b) pass at least three subjects on the Higher Grade (excluding the official Second Language Higher Grade);
- (c) satisfy all the requirements for Matriculation Exemption, and
- (d) obtain at least 1 680 marks, i.e. an A symbol in their aggregate, which is calculated out of 2 100 marks, regardless of the number of subjects (3, 4, 5 or 6) taken on the Higher Grade,

on condition that they continue their studies at a University or Teachers' College or College for Advanced Technical Education as full-time students.

On the expiration of the period of three years, awards of R200 each for another year may be granted to such students provided they submit proof that they have successfully completed their three-year course of study and the Education Department is satisfied that the courses to be followed in the fourth year justify a further award.

During the 1977 examination 340 candidates obtained an A symbol (80 per cent or more) in their aggregate. This was 36 more than the record number of 304 the previous year. 325 out of the 340 candidates who obtained an A symbol in their aggregate, were candidates from Cape Departmental High Schools who qualified for merit awards.

The requirements for Matriculation exemption as laid down by the Joint Matriculation Board and as set out in paragraph 13.12.3.1 of the Rules governing the Senior Secondary Course and the Senior Certificate Examination as published in the Education Gazette dated 21 October 1976, have recently been amended to read as follows:

- 13.12.3.1 (a) The candidate shall offer SIX subjects, chosen from Groups A to F (cp. Rule 11.2.2.1) but including at least one subject from each of four different groups, for the examination.
- 13.12.3.1 (d) The five subjects which he has passed, shall include at least one subject from each of four different groups or two subjects from Group C or Group E and one subject from each of two other groups.

The amendment implies that a candidate must in future select his subjects to be offered for the examination in such a manner that four different groups (one of which shall be Group A) are covered, but if the subjects which the candidate has passed do not include at least one subject from each of four different groups, but two subjects from either Group C or Group E, the second subject from one of these groups shall be accepted for purposes of exemption in lieu of a fourth group.

The following is an example of a candidate who will now qualify for a certificate of full exemption from the Matriculation Examination as a result of this concession:

English First Language HG	C	— Group A
Afrikaans Second Language HG	D	
Biology HG	C	— Group C
History HG	D	— Group E
Geography SG	D	
Mathematics SG	G	— Group B (Subject in which candidate failed)
Aggregate	D	

It should be noted that candidates must still choose the three required Higher Grade subjects from three different groups.

The Joint Matriculation Board decided that this amendment may be applied with retrospective effect to the November/December 1976 examination.

The project in connection with internal examining in a limited number of high schools commenced in April 1977 in Standard 8 and will continue in Standard 9 during 1978 and Standard 10 during 1979.

The J. J. du Preez High School, Parow, has in the meantime also been selected for exemption in the subjects Afrikaans Second Language HG, English Second Language HG, and Accountancy HG and SG. Thirty-seven schools have been partially exempted from the system of external examination in Standard 10 in 1979.

In order to ensure thorough control over the project a Planning and Supervisory Committee has been formed. The committee consists of —

- Deputy-Director of Education (Planning) (Convenor)
- Deputy-Director of Education (Services)
- Chief: Education Bureau
- Chief: Psychological and Guidance Services
- 2 Chief Education Planners
- 2 Chief Inspectors/Regional Chief Inspectors of Education
- 2 Representatives of S.A.O.U. Must be Principals
- 2 Representatives of S.A.T.A.
- 6 Representatives of J.M.B.
- 1 Representative of the University of Stellenbosch
- 1 Representative of the University of Cape Town
- 1 Representative of Teachers' Colleges

Observers:

- 1 Representative of each of the Education Departments:
 - Transvaal
 - Natal
 - Orange Free State
 - South West Africa

The functions of the committee are —

- (a) to gather and deal with progress reports regarding the experiments;
- (b) to give guidance in connection with the planning of the experiments and evaluation;
- (c) to ensure the efficient functioning of the Work Committees;
- (d) to narrow the gap between school and university, and
- (e) to submit annual reports to the Director of Education for submission to the Joint Matriculation Board.

The first meeting of the committee was held on 22 February 1977 and the committee will meet again next year.

The Standard 10 Examination (Practical Course)

After the decision to extend the Practical Course to Standards 9 and 10, the first Standard 10 examination (Practical) was conducted internally at the end of 1977. 183 candidates wrote this examination and 182 passed.

EDUCATION LIBRARY SERVICE: 1977

Staff

All vacancies were filled in the course of the year and the Misses F. Rossouw, F. J. S. Krummeck and S. Louw were appointed to the staff.

Accommodation

The Education Library Service put three extra floors into use for office and storage space which resulted in a considerable improvement in working conditions.

Education Library

With an increase of 671 in the membership and circulation statistics amounting to 27 993, it has become necessary to employ an additional full-time assistant in the lending department. The number of visitors increased to 8 847, and 5 159 postal and telephonic enquiries were attended to.

Except for the typing and production of the cards, the backlog in respect of classification and cataloguing of the book stock has been brought almost up to date. 5 313 titles have also been added to the book stock. During a work study investigation, attention was paid to problems relating to the typing and production of the catalogue cards as well as the backlog in respect of the cataloguing of the books of college libraries.

The catalogue of the Education Library was published bi-monthly instead of monthly and was distributed to all departmental schools, other educational institutions and libraries.

School Library Section

The annual edition of Selected Books for High and Primary Schools was published early in the year and contained 1 535 titles of approved books. A cumulative list of reference works for Primary Schools was sent to schools simultaneously.

The titles which appeared in Selected Books were also taken up in the Model School Library in order to be available for inspection by all teachers wishing to purchase books for school libraries. Good use was made of the Model School Library, especially by staff of near-by schools. The number of visitors i.e. 333 does not include the groups of students of the Wellington Teachers' College.

Apart from assistance and guidance *in loco*, the staff also attended approximately six meetings of Teacher Librarians and took part in the discussions. In addition, lectures were given to groups of students at the Universities of Cape Town, Stellenbosch and the Western Cape. Two of the book selectors also appeared as guest speakers at Parent-Teacher meetings on at least ten occasions.

The book selectors were also, in collaboration with the official concerned, responsible for the compilation of a bibliography on family guidance, which is an integral part of the programme.

The rebinding quota has again been fully utilized and 8 376 books, periodicals and pictures were bound in and reinforced for the Education Library, colleges and schools. Unfortunately all applications could not be dealt with because of the great increase in the demand for this service.

Schools

During the second and third quarters a series of eleven refresher courses for High and Secondary Schools was arranged. The courses were attended by 310 representatives whilst 75 school principals were present on the last day.

Apart from the courses which were presented solely by the staff of the Education Library Service, 341 inspection visits and 102 informal visits were paid to schools.

The new staffing quotas stimulated the creation of full-time library posts, also as far as the smaller schools are concerned.

Teachers' Colleges

Visits were paid to all Teachers' Colleges, especially in view of the course in school librarianship which has become compulsory.

AUDIO-VISUAL EDUCATION

It is still the policy of the Department to encourage and extend the beneficial use of audio-visual techniques in education. The scope of the activities in this section necessitated the appointment of a third adviser. Bearing the economy measures in mind, quotas for the provision of apparatus and material to schools and colleges once again had to be revised and curtailed.

Research with regard to circuit television as an educational aid will be continued and is at present being extended to include all the teachers' colleges. The basic equipment supplied will supplement the practical training of student teachers. It has been decided to move the television studio closer to the teachers' college and teachers' centre in order to fulfil the growing needs of the studio and to effect closer liaison with other teaching activities.

In a circular to Principals of Schools and Rectors of Teachers' Colleges, information has been furnished about the effect of television on school children and pre-school children.

We trust that the guidance contained in the information sheet will be used so that this particular medium may be utilised to the best advantage of all pupils.

CHAPTER III

HOSTEL MANAGEMENT AND GRANTS

In 1977 there were 312 hostels attached to the undermentioned schools. Particulars of the accommodation available at the hostels during the said year, the number of pupils accommodated, etc., are furnished in the following tables:-

HOSTELS		Primary, Secondary and High Schools	Agricultural High Schools	Special Schools	Teachers' Colleges
Accommodation available	Boys	12 993	1 027	748	583
	Girls	12 306	—	375	1 416
TOTAL		25 299	1 027	1 123	1 999
Number accommodated	Boys	10 844	921	777	552
	Girls	9 952	—	347	1 404
TOTAL		20 796	921	1 124	1 956
Vacancies	Boys	2 464	134	22	39
	Girls	2 536	—	62	33
TOTAL		5 000	134	84	72
Excess number of pupils accommodated	Boys	277	28	51	8
	Girls	220	—	34	21
TOTAL		497	28	85	29
Paying full fees	Boys and Girls	14 504	755	352	1 956
Remissions	Boys and Girls	6 292	166	772	—
	TOTAL	20 796	921	1 124	1 956
Within area served by hostel	Boys and Girls	14 862	—	—	—
Outside area served by hostel	Boys and Girls	5 934	—	—	—
	TOTAL	20 796	—	—	—

Vocational School Hostels

In 1977 there were 18 vocational schools with hostels.

Particulars of the accommodation available at hostels during the year 1977, the number of pupils accommodated, etc., are furnished in the following table:-

	BOYS	GIRLS	TOTAL
Accommodation available	2 382	1 719	4 101
Number accommodated	1 957	1 197	3 154
Vacancies	526	522	1 048
Excess number accommodated	101	—	101
<i>Paying full fares:</i>			
Boys and Girls	1 580	—	—
<i>Remissions:</i>			
Boys and Girls	1 574	—	—
			3 154

SCHOOL CONVEYANCE SERVICES

The following are particulars of school conveyance services for the years 1976 and 1977:

YEAR	Total Number of Conveyance Services	Total Number of Pupils Conveyed	Total Distance of Routes	Total Cost of Conveyance Services
1976	374	15 683	18 436 km	R1 639 318
1977	354	15 485	17 735 km	R1 775 268

CHAPTER IV

THE PSYCHOLOGICAL AND GUIDANCE SERVICES

1. Staff

Two school psychologists, namely Messrs D. Venter and D. C. Hamman, were appointed in the vacancies which arose in the course of the year. This brings the number of school psychologists at present employed as field personnel to a total of 38. Two school psychologists were employed in a relieving capacity.

Mr D. J. Vermeulen retired on pension at the end of the year.

Dr C. J. J. Reyneke, Head, Psychological and Guidance Services, has been appointed Chief Education Planner (Psychological Services) with effect from 1 December.

2. Special Education

Information regarding pupils who received special education this year, in comparison with last year, is furnished in the table below.

YEAR	Schools with Special Classes	Number of Special Classes	Number of Pupils receiving Special Education		
			Special Classes	Special Schools	Total
1976	294	671	7 819	3 129	10 948
1977	292	669	7 329	3 535	10 864

Of the 669 teachers teaching in the special classes 321 hold a Diploma in Special Education. There is therefore still a considerable shortage of trained staff in this branch of education.

A three-day conference was held this year on a regional basis at Cape Town and Port Elizabeth for members of the Psychological and Guidance Services where the implementation of the new syllabuses for special education received special attention. Subsequently school psychologists held similar in-service training courses in their respective circuits for teachers responsible for special education. These courses met with considerable success.

The Weskus Special School at Saldanha was taken into use at the beginning of the year with an enrolment of 120 pupils.

At present there are 9 Special Schools with an enrolment of 3 535 pupils. This is an increase of 406 pupils in comparison with the previous year.

Extensions at the N. J. Heyns Special School at Kimberley and the Baysville Special School at East London have been approved of and will be executed as soon as the necessary funds become available.

3. Guidance

As reflected in the table below, a comprehensive Psychometric and Guidance Programme was once again undertaken during the year in collaboration with schools and with the assistance of teacher-psychologists:

TESTS APPLIED BY SCHOOL PSYCHOLOGISTS AND TEACHER-PSYCHOLOGISTS

YEAR	Intelligence Tests		Scholastic Tests	Aptitude Tests	Interest Questionnaires	Personality Tests
	Group	Individual				
1976	43 737	12 940	37 947	32 536	41 301	9 782
1977	45 814	11 878	34 577	42 753	39 651	7 840

In addition to the abovementioned tests 11 665 diagnostic tests were conducted by school psychologists and school clinicians in order to help pupils with learning problems. Furthermore 7 383 diagnostic and individual intelligence tests were conducted on pre-school children in order to ascertain their school readiness.

In order to complement the abovementioned programme, school psychologists and teacher-psychologists interviewed a large number of pupils in connection with educational, personality and vocational guidance.

Guidance to school principals, teachers, parents and other persons concerned also necessitated a considerable number of interviews as reflected in the table shown below:

Interviews in connection with Educational, Personality and Vocational Counselling		
	1976	1977
With pupils	50 782	54 742
With parents, teachers and other persons concerned ..	22 078	26 442
TOTAL	72 860	81 184

The abovementioned interviews include 2 857 interviews with parents of pre-school children.

During the year school psychologists and teacher-psychologists played a major part in carrying out the test programmes of the Human Sciences Research Council. A variety of test programmes were conducted in a large number of schools.

School psychologists and teacher-psychologists in collaboration with the University of Stellenbosch, assisted in the application of the revised C.V. Interest Questionnaire in a number of schools for the purpose of item analysis.

School psychologists also assisted in the practical training of students taking courses in Counselling Psychology at the Universities of Stellenbosch, Cape Town and Port Elizabeth.

4. School Clinical Services

A school clinic was established at Worcester at the beginning of this year. There are at present 9 such clinics, staffed with 19 school clinicians. The number of remedial teachers in the school clinics increased from 22 to 33. The following table reflects the relevant information:

SCHOOL CLINICS	STAFF			
	1976		1977	
	School Clinicians	Remedial Teachers	School Clinicians	Remedial Teachers
Bellville	4	3	4	4
George	2	2	2	3
Kimberley	2	3	2	4
Newlands	2	2	2	4
East London	2	3	2	4
Paarl	2	3	2	4
Port Elizabeth	2	3	2	4
Uitenhage	2	3	2	4
Worcester	-	-	1	2
TOTAL	18	22	19	33

The effectiveness of clinical remedial services was further increased and extended because of the arrangement that remedial teachers attached to school clinics can also work in schools instead of at clinics only. Approval was furthermore granted that schools may also appoint clinical remedial teachers on their staff.

The number of pupils, as well as pre-school cases, tested and treated by school clinicians, is as follows:

	1976	1977
Pupils tested and treated	2 664	3 117
Pupils who received remedial education	484	560

During this year forty-three pupils distributed over the Province, were identified who had such serious learning disabilities that the part-time clinical-remedial education as offered by the Department, did not sufficiently provide for their needs. These pupils, the so-called Category C pupils with learning disability were brought to the attention of the Department of National Education.

5. Service for Speech Defective and Partially Hearing Pupils

At present there are 97 posts in this section. The following table shows particulars for 1976 and 1977:

STAFF: ITINERANT AND FULL-TIME			
Year	Full-Time	Itinerant	Total
1976	18	77	95
1977	19	78	97

There are 10 full-time staff members at the Mary Kihn School, 4 at the North End Grey Primary School in Port Elizabeth, 4 at the College Street School in East London and 1 at the Newton Primary School in Kimberley.

Of the 78 posts for the itinerant staff, 11 could not be filled.

This year the itinerant staff tested and treated pupils at 241 schools.

The following data reflects the relevant information:

Year	Pupils Tested	Pupils treated for Speech Defects	Number Successfully Treated	Pupils treated for Hearing Defects	Number Successfully Treated
1976	32 181	6 125	2 009	1 149	274
1977	35 758	6 232	1 713	1 151	284

As in the past the Senior Adviser for partially hearing and speech defective pupils was responsible for lectures at teachers' colleges. These courses dealt with the identification and treatment of pupils with hearing and speech defects. A series of closed circuit television recordings manufactured by the Department in collaboration with the Audio-visual Services was used for the first time during lectures.

During the year the Senior Adviser and the Principal of the Mary Kihn School also attended a conference at Worcester in connection with partially hearing pupils.

The Head of the Psychological and Guidance Services and the Senior Adviser for partially hearing and speech defective pupils were members of a committee nominated by the Minister of National Education to discuss matters with him and to lay down directives for the educational care of partially hearing pupils in the R.S.A.

CHAPTER V SCHOOL HEALTH SERVICES

General and Staff

During the past year the School Health Services Section has been characterised by stability and the absence of significant changes. A satisfactory standard was maintained in rendering the necessary services.

The staff establishment of the School Health Services Section remained unchanged and at the end of the year there were vacancies for 5 medical inspectors of schools, 1 dental inspector of schools and 3 school nurses.

During the second half of the year, Dr C. M. Mentz was appointed Medical Inspectress of Schools in the vacant post in the Cape Peninsula and Dr E. S. Iversen was appointed Dental Inspectress of Schools with headquarters at Port Elizabeth. The latter will also take over the work in the Dental Clinic of the Department of Education in Port Elizabeth.

The maintenance of adequate school nursing services throughout the Cape Province continues to be a very important matter. It is reassuring that it has been possible to fill the essential posts of school sister.

This Section still endeavours, in spite of rising costs, to keep the expenditure within bounds.

Work done by Medical Inspectors

Number of schools visited	317
Number of pupils examined	41 771
Number of pupils re-examined	8 355
Number of follow up examinations	7 228
Number of pupils recommended for treatment	12 440
Number of directions to teachers	15 576
Number of pupils whose parents or guardians were present at the medical inspection	14 678

Analysis of defects found among pupils examined

<i>Defect</i>	<i>Number of Pupils</i>
Malnutrition	226
Teeth	5 687
Nose and throat	329
Speech	67
Glandular System: Lymphatic	19
Endocrine	18
Eyes: Vision	3 426
Other	364
Ears	1 205
Hearing	310
Skin diseases	522
Heart and circulation	206
Anaemia	149
Lungs	239
Nervous system	145
Genito-urinary system	459
Abdomen	159
Deformities	851
Infectious diseases	25
Nits and vermin	259
Other diseases and defects	826

Treatment

Number of pupils recommended for treatment at previous inspections	14 405
Number treated since	9 552
Percentage treated	66%
Percentage of pupils examined showing evidence of successful vaccination against smallpox	93,35%

General Aspects of Medical and Dental Inspections

The general state of health and level of nutrition as well as the neatness and cleanliness of the pupils examined by the medical inspectors during the year, were very satisfactory. Notwithstanding the economic recession and the lowering of the standard of living, cases of undernourishment are fortunately rarely reported. Cases of malnutrition in the form of obesity and overweight are far more frequently reported.

The provision of suitable and specially designed medical and dental examining rooms is still strongly emphasized in their reports by all members of the school medical staff. Although it is essential to economise as much as possible when planning and extending schools, there will always be certain minimum requirements with which the accommodation of the health staff will have to comply.

The co-operation of principals and staff for the organisation of medical inspection is still readily obtained. A new scheme for the medical examination of pupils and for enlarged circuits for medical inspectors was planned this year and will come into operation at the beginning of 1978. From this date there will be no routine examination of the 11-year-old pupils but only an examination of all pupils admitted to primary schools – the 5-6-year-olds – and all those admitted to secondary schools – the 13-14-year-olds. For the rest the emphasis will fall on the examination of pupils with defects or diseases who are recommended for examination by teachers, school nurses or parents. This new scheme of medical inspection will enable the medical inspector of schools to cover a wider circuit as he will spend less time at each school.

The directions to teachers for the arrangement of medical inspection are now much simpler and the teaching staff will find this procedure less complicated. The emphasis which will now fall on the examination of pupils with defects or diseases will necessitate keen observation of pupils and then recommendation for examination by the teaching staff.

Hygienic conditions with regard to water supply, sewerage, ventilation, natural lighting, etc. are generally of a very satisfactory standard. The medical inspectors of schools will report any lowering of these standards and it will receive attention from the Department of Education. The accommodation, equipment and furniture in schools are usually quite satisfactory except in cases of sudden and rapid increase in the number of pupils.

Although the percentage of pupils fully immunised against small pox and polio remains high, there are still schools where the regulations in regard to the enrolment of pupils are not fully observed. There is however no excuse for the instructions of the Department of Education not to be carried out. It must be pointed out that the strict requirements regarding immunisation against polio have caused an almost complete disappearance of infantile paralysis among pupils. It is therefore desirable to maintain a high standard of immunisation by adhering strictly to the requirements for enrolment.

Infectious Diseases

There were no epidemics of serious notifiable diseases in schools and hostels during the past year.

The sporadic cases of infectious diseases which did occur were diagnosed, isolated and treated very effectively.

The increased incidence of scarlet fever in the Cape Peninsula which attracted attention during 1976 has again subsided. The incidence of influenza has once again been within normal limits. An isolated case of enteric fever in a young pupil discovered in a school in the Cape urban area was treated.

Scabies still occurs sporadically in many schools in the Peninsula and also in other urban areas but because of its prevalence during the past few years, knowledge of the disease and its treatment have become general. Isolated cases of scabies are now recognised sooner by the teaching staff and referred for treatment with the result that the disease does not spread widely amongst the pupils.

The incidence of head-lice among pupils is however increasing and is cause for concern. The pattern of distribution of the disease has also changed and it occurs among both rich and poor and in all strata of society. Apparently owing to the fact that the sources of reinfestation outside schools are not wiped out effectively, the lice are developing resistance to the remedies in current use.

Dental Services

During June the Dental Association once again organised a National Dental Health Week at schools. New demonstration material, including *inter alia* a new tape recording and colour slides was used for the lectures and demonstrations by the private dentists who visited the schools.

Towards the end of 1977 the vacant post of dental inspector was again filled in Port Elizabeth and the Dental Clinic could resume its work there. Because of the back-log of clinical work which had accumulated in this area during the extended period that this post had been vacant, the resumption of services here is greatly appreciated.

Work done by Dental Inspectors of Schools

	Port Elizabeth	Cape Town	Kimberley	East London	George	Total
Number of pupils examined	469	3 105	11 153	19 674	7 052	41 453
Number of pupils treated	469	1 916	1 155	2 930	1 530	8 000
Number of prophylactic treatments ..	83	430	194	96	221	1 024
Number of teeth filled	62	2 631	769	1 784	2 113	7 359
Number of teeth extracted	732	785	1 339	319	939	4 114

Notwithstanding a shortage of funds for capital expenditure it has been possible to equip the School Dental Clinic at Kimberley with a modern unit, chair and accessories.

The new equipment and the excellent suite of examination rooms accommodating it, will greatly enhance the work of the dental inspector at Kimberley.

As a result of the self-imposed restrictions of our scheme for the treatment of dental defects in indigent pupils, problems develop with regard to those exceptional cases which necessitate costly and involved treatment.

An attempt will be made to solve this problem in the future.

Particulars of indigent pupils who, in terms of the Department's medical scheme, received dental treatment from private dentists and municipal clinics in Cape Town and East London during 1977:

Extracted	Filled	Other Treatment	Dentures	Amount Spent
5 570	5 788	—	158	R58 262

Ophthalmic Services

The school medical staff plays an effective and essential part in the screening and Snellen testing of the eyes of all pupils and the referral of pupils with eye diseases and serious visual defects to ophthalmologists for subsequent examination and refraction. This service not only ensures the identification and treatment of all pupils with serious visual defects but also leads to a judicious and economical utilisation of the services rendered by ophthalmologists and optometrists.

Specialist reports (E.167) are requested regularly in all cases where pupils suffer from some or other serious eye disease, in cases of severe weak-sightedness and where no satisfactory improvement of defective vision can be obtained with glasses. With the kind co-operation of the ophthalmologist at the Goodwood Eye Clinic, similar reports regarding similar cases of indigent pupils treated at the clinic have since this year been sent to medical inspectors.

These reports, as requested by the medical inspectors, are informative and contribute to a more effective supervisory service by the school medical staff.

The transfer of the eye clinic services for indigent pupils from the St James Street Clinic to the Goodwood Eye Clinic went smoothly and the staff and pupils of the schools of the Cape School Board soon adjusted to the changed circumstances and arrangements. The Goodwood Eye Clinic also succeeded in obtaining the records of the pupils transferred, thus ensuring the necessary continuity in respect of follow-up and treatment.

The rendering of ophthalmic services to indigent pupils at the Provincial hospitals in certain country districts still presents problems. These may however be solved by the establishment of additional facilities for treatment at these hospitals.

Ophthalmic Work Done

The Departmental Clinic at Goodwood

Number of first attendances	303
Total number of consultations (including first attendances and re-examinations) .. .	607
Pairs of spectacles supplied .. .	477
Number of sessions .. .	64

Cases referred to Eye Clinics at Provincial Hospitals

Examinations .. .	601
Pairs of spectacles supplied .. .	601

School Nursing Services

During the past year the school nurses were able to render the necessary school nursing services in all areas of the Cape Province. Towards the end of the year there were still 3 vacancies of school nurse but as appointments to these posts are not urgent they will only be made when the vacancies of medical and dental inspector can be filled.

The programme for early detection and treatment of scoliosis continues and the school nurses have an important part in it. The follow-up of cases and the collection of medical reports on pupils with suspected curvature of the spine continues without interruption and a report on the investigations will be submitted in the near future. It is the duty of the school nurses to keep a permanent register of these cases.

The school nurses continue their valuable test programme to discover defective vision in pupils and cases are regularly referred for medical and ophthalmic treatment. The school nurses also keep a permanent register of very weak-sighted pupils, and cases are regularly reported to head office.

The early detection and handling of communicable parasitic diseases such as scabies and lice infestation is often left to the school nurses. The increase in the incidence of head lice infestation poses a serious problem and the examination of hair for infestation with lice and nits in certain areas take up much of the nurses' time. It is hoped that the time and attention devoted to it by the school nurses will in due course lead to more satisfactory control of these communicable diseases by all supervising health personnel.

The school nursing services also render a useful service to pupils by the systematic detection and referral for treatment of dental defects. Notwithstanding the report of defects and the careful follow-up of referred cases, it is found that the clinical treatment of the dental defects of children, even of well-to-do parents who belong to medical aid schemes, leaves much to be desired.

Liaison with the school, the home and the professional service groups remains one of the most important responsibilities of the school nurse. Health education by way of guidance, advice and lectures will have to be continued by them.

Nursing Services

Work done by School Nurses

Number of schools visited for medical inspections	450
Number of school visits for medical inspection	1 675
Number of schools visited apart from medical inspections	865
Number of school visits apart from medical inspections	3 684
Number of pupils prepared for medical inspection	58 226
Number of pupils examined at routine inspection	117 753
Number of pupils examined apart from routine inspections	64 422
Number of pupils with vermin in their hair	156
Number of pupils with nits in their hair	651
Number of homes visited	2 531
Number of hostels and other institutions visited	91
Number of eye clinic sessions at which assistance was given	54
Number of lectures given	230
Number of pupils without vaccination marks or exemption certificates	631
Number of pupils not immunised against polio	151

STAFF POSITION – 2nd QUARTER 1977

		(a) Married Women		(b) Pensioners		(c) Uncertificated Teachers		Total Number of Temporary Appointments (a), (b) and (c)		(d) Certificated Temporary Appointments		(e) Probationary and Permanent Appointments		Total Number of Appointments (d) and (e)		Total Number Teachers
		Total	%	Total	%	Total	%	Total	%	Total	%	Total	%	Total	%	
PRE-PRIMARY TEACHERS	Men	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Women	46	47,42	—	—	17	17,52	63	64,94	13	13,40	21	21,64	34	35,05	97
	Total 1977	46	47,42	—	—	17	17,52	63	64,94	13	13,40	21	21,64	34	35,05	97
	Total 1976	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
PRIMARY TEACHERS	Men	—	—	16	0,78	16	0,78	32	1,57	56	2,75	1 943	95,66	1 999	98,42	2 031
	Women	1 751	39,51	47	1,06	29	0,65	1 827	41,23	192	4,33	2 412	54,43	2 604	58,76	4 431
	Total 1977	1 751	27,09	63	0,97	45	0,69	1 859	28,76	248	3,83	4 355	67,39	4 603	71,23	6 462
	Total 1976	1 268	20,89	36	0,59	33	0,54	1 337	22,03	143	2,36	4 589	75,61	4 732	77,97	6 069
TEACHERS IN SPECIAL CLASSES AND SPECIAL SCHOOLS	Men	—	—	2	0,54	7	1,92	9	2,47	18	4,94	337	92,58	355	97,52	364
	Women	367	63,82	6	1,60	19	3,30	392	68,17	33	5,73	150	26,08	183	31,82	575
	Total 1977	367	39,08	8	0,85	26	2,76	401	42,70	51	5,43	487	51,86	538	57,29	939
	Total 1976	304	33,04	7	0,76	23	2,50	334	36,30	17	1,85	569	61,85	586	63,69	920
SECONDARY TEACHERS	Men	—	—	39	1,49	42	1,61	81	3,10	69	2,64	2 457	94,24	2 526	96,89	2 607
	Women	688	36,09	19	0,99	47	2,46	754	39,55	91	4,77	1 061	55,66	1 152	60,44	1 906
	Total 1977	688	15,24	58	1,28	89	1,97	835	18,50	160	3,54	3 518	77,95	3 678	81,49	4 513
	Total 1976	729	15,20	60	1,25	114	2,38	903	18,83	143	2,98	3 750	78,19	3 893	81,17	4 796
LECTURERS AT TEACHERS' COLLEGES	Men	—	—	—	—	—	—	—	—	2	1,44	136	98,55	138	100,00	138
	Women	27	27,00	—	—	2	2,00	29	29,00	1	1,00	70	70,00	71	71,00	100
	Total 1977	27	11,34	—	—	2	2,4	29	12,18	3	1,26	206	86,55	209	87,81	238
	Total 1976	21	9,42	2	0,89	—	—	23	10,31	2	0,89	198	88,79	200	0,89	223
MUSIC TEACHERS	Men	—	—	10	5,12	6	3,07	16	8,20	9	4,61	170	87,17	179	91,79	195
	Women	353	53,48	11	1,66	32	4,84	396	60,00	31	4,69	233	35,30	264	40,00	660
	Total 1977	353	41,28	21	2,45	38	4,44	412	48,18	40	4,67	403	47,13	443	51,81	855
	Total 1976	182	22,72	19	2,37	22	2,74	223	27,84	17	2,12	561	70,04	578	72,16	801
SUMMARY OF ALL GROUPS	Men	—	—	67	1,25	71	1,33	138	2,58	154	2,88	5 043	94,52	5 197	97,41	5 335
	Women	3 232	41,60	83	1,06	146	1,87	3 461	44,54	361	4,64	3 947	50,80	4 308	55,45	7 769
	Total 1977	3 232	24,66	150	1,14	217	1,65	3 599	27,46	515	3,93	8 990	68,60	9 505	72,53	13 104
	Total 1976	2 504	19,55	124	0,97	192	1,50	2 820	22,01	322	2,51	9 667	75,47	9 989	77,98	12 809
Total 1975	Men	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Women	3 122	24,80	146	1,16	185	1,47	3 453	27,43	331	2,63	8 806	69,94	9 137	72,57	12 590

CHAPTER VI

SUPPLY, TRAINING AND CONDITIONS OF SERVICE OF TEACHERS

Supply and Training of Teachers

The increase in the number of teachers in the various groups of schools for the period 1973 to 1977 is indicated in the following table:

	INCREASE IN NUMBER OF TEACHERS				
	1973	1974	1975	1976	1977
Pre-Primary Schools	—	—	—	—	13
Primary Schools	30	-61	86	247	477
Special Classes and Special Schools	44	18	30	20	19
Secondary, High and Vocational Schools	78	186	116	-39	-283
Teachers Colleges	2	17	-1	-2	15
Music Posts	12	10	19	-7	54
TOTAL	166	170	250	219	295
PERCENTAGE INCREASE	1,38	1,38	2,02	1,74	2,30

During the past 5 years a total of 1 100 additional teaching posts were created. The number of teaching posts therefore increased by 8,82 per cent.

A table reflecting the staff position in schools and teachers' colleges during the past 3 years is given on the previous page.

Granting of Bursaries and Loans

(i) *Secondary Teachers*

During 1977 an amount of R4 857 448 in the form of bursaries was made available to students taking approved courses at universities and technical colleges. A total of 4 776 students at universities and technical colleges received assistance in 1977 as against 3 883 in 1976. The number of new students who received this assistance in 1977 was 2 181, an increase of 166 compared with the number of new students in 1976. In the previous year there had been an increase of 124.

(ii) *Primary Teachers*

2 738 students at teachers' colleges received bursaries during 1977, i.e. 204 more than in 1976. The sum of R1 733 472 was made available for this purpose.

Training of Primary Teachers

One-year Teachers' Diploma Courses in a number of practical subjects, following the three-year Primary Teachers' Diploma Course were introduced at five teachers' colleges for the first time in 1971. One-year Teachers' Diploma Courses in the academic subjects English, Afrikaans, Mathematics, Physical Science and Biology were introduced at two teachers' colleges for the first time in 1972. Courses in Junior Primary Education and Pre-primary Education were introduced in 1974. The following table shows the number of candidates who successfully completed the various Teachers' Diploma Courses in 1976 and 1977:

	1976	1977
Academic Subjects	18	18
Woodwork and Metalwork	37	41
Junior Primary Education	5	4
Art	20	9
Agricultural and Physical Science	17	10
Physical Education	42	40
Needlework	11	11
Pre-Primary Education	16	13
School Music	—	—
Instrumental Music	5	—
Music	—	1
TOTAL	171	147

The policy of providing adequate and modern training and boarding facilities at teachers' colleges was continued. The capital expenditure for the financial year ending March 1977 was as follows:

	COLLEGES	HOSTELS	TOTAL
	R	R	R
Denneoord (Stellenbosch)	—	—	—
Graaff-Reinet	—	—	—
Oudtshoorn	—	—	—
Paarl	32 573,50	—	32 573,50
Wellington	—	3 183,56	3 183,56
Cape Town	65 563,89	—	65 563,89
Port Elizabeth	1 438 396,07	568 299,79	2 006 695,86
TOTAL	1 536 533,46	571 483,35	2 108 016,81

Enrolment at Teachers' Colleges

The following table shows the supply of student-teachers over the past 5 years (statistics for the first quarter):

Year	PRIMARY TEACHERS' COURSE					Pre-Primary	Diploma Courses	TOTAL
	First Year Men	First Year Women	First Year Total	Second Year	Third Year	Fourth Year	Fourth Year	
1973	231	677	908	804	725	—	132	2 569
1974	256	673	929	778	761	18	141	2 627
1975	242	680	922	788	760	12	169	2 651
1976	227	655	882	799	770	19	180	2 650
1977	277	707	984	777	772	13	149	2 695

The enrolment of first-year students increased by 11,56 per cent in 1977: 22,02 per cent in the number of men and an increase of 7,93 per cent in the number of women students. During the five years from 1973 to 1977 there was an increase of 8,37 per cent in the enrolment at teachers' colleges.

Teachers' Examinations

In 1977, 735 candidates obtained the three-year Diploma in Education (formerly Primary Teachers' Diploma). During the past three years the results in this examination were as follows:

Year	PRE-PRIMARY	JUNIOR STANDARDS		SENIOR STANDARDS		TOTAL	
	Second Grade	First Grade	Second Grade	First Grade	Second Grade	First Grade	Second Grade
1975	—	24	243	65	372	89	615
1976	4	20	241	77	387	97	632
1977	3	32	256	55	389	87	648

In 1977, 6 private candidates obtained the three-year Primary Teachers' Diploma. In addition 4 candidates obtained the old two-year Primary Teachers' Certificate. These candidates also wrote the examination as private candidates as the Primary Teachers' Certificate Course at teachers' colleges was discontinued in 1968.

Certificate of Bilingualism

The number of candidates who obtained a Certificate of Bilingualism in 1977 was as follows:

STUDENT TEACHERS			PRIVATE CANDIDATES			
Higher Grade	Lower Grade	Total	Higher Grade	Lower Grade	Total	Grand Total
154	565	719	316	30	346	1 065

Refresher Courses and Crash Courses

Inspectors of Education, Subject Inspectors, lecturers and teachers had the opportunity to attend the following refresher courses. (The total number who attended these courses is indicated in brackets):

Courses in Geography and Science for lecturers
19 and 20 January 1977 (11 and 30)

Ballet for Senior Certificate
24 and 25 January 1977 (14)

Self-Defence for Girls
22 March to 22 April 1977 (250)

Orientation courses in 'Electro-knowledge'
12 to 22 April 1977 (6)

Audio-visual Education
Short courses were held on a regional basis throughout the year. (255)

School Library Organisation
19 April to 15 September 1977 (310)

Mathematics and Science for Std 5
May to October 1977 (520)

Teachers of Special Classes
25 May to 4 November 1977 (669)

Conference of School Psychologists
29 to 31 March 1977, Cape Town (35)
4 to 6 April 1977, Port Elizabeth (25)

Scripture
January to December 1977 (749)

Tswana
6 and 7 October 1977 (14)

Crash Courses in Scarce Subjects
During the first semester of 1977 a Biology course was offered by the University of Stellenbosch. 10 teachers attended this course which lasted 6 months.

In addition representatives of the Department attended the following courses:

- Orientation Course for teachers of Immigrant Classes (1) Transvaal
- Instrumental Music (1) Transvaal
- 7th National Convention of Science and Mathematics teachers (1) University of Port Elizabeth
- National Conference on the teaching of English as a first language . . . (11) Natal
- Teaching of Bantu Languages in White Schools (1) Bloemfontein
- Refresher Course at Peugeot and Citroën (S.A.) Ltd. (1) Johannesburg
- Eighth Congress of the International Association of Physical Education and Sports for Women and Girls (11) Nico Malan, Cape Town
- National Conference of Schools for pupils with hearing difficulties . . . (2) National Education
- Remedial reading and reading readiness course (1) Graaf-Reinet Teachers' College

Teachers' Centres

At present there are three Teachers' Centres, viz. in Cape Town, Port Elizabeth and East London, while a fourth is to be opened in Kimberley in June 1978.

It is gratifying that a large number of those teachers who have access to a centre make full use of the facilities and opportunities afforded them. The following statistics are important:

	Mowbray	Port Elizabeth	East London (Opened in July 1977)	Total
Meetings/Lectures	262	189	33	484
Full Courses	26	4	0	30
Exhibitions	15	1	3	19
Field Trips	7	0	0	7
Teacher Attendances	12 597	5 651	1 037	19 285

In addition to the above-mentioned services, the centres also distribute notes on lectures, guides and other supportive material to all schools in areas, served by them.

The Teachers' Centres have continued to emphasise the voluntary professional in-service training aspect. Meetings and courses are arranged to facilitate an exchange of professional expertise and in this they have been very successful.

The flexibility of the organisation of the Teachers' Centres which allows them to respond immediately to the needs of the teachers in areas served by them, gives them their greatest strength and value.

Outdoor Education

The administration and organisation of and responsibility for Outdoor Education remained with the Teachers' Centres in 1977. The two organisations recognised by the Department, viz. *Die Weskaapse Jeugtrust* and *School in the Wilds*, continued to render excellent service. In the course of the year 1 050 pupils, 42 teachers and 21 school groups made use of the services of the *Jeugtrust* and 2 880 pupils, 108 teachers and 48 school groups visited *School in the Wilds*. The Department now employs two qualified teachers in each of these organisations and will extend its commitment in this connection to three teachers at each organisation as from April 1978. In addition some 20 schools undertook their own local field trips which were approved by the Department. The best of these field trips were of an exceptionally high standard.

One of the major problems in the field of Outdoor Education is to orientate teachers to this new teaching techniques. The Teachers' Centres have assisted in this respect by distributing model field studies and work sheets which teachers can adapt to their own needs. The Committee of Rectors of Teachers' Colleges has also agreed to include a short course in outdoor education in the curriculum for third-year students.

Outdoor Education has, however, developed so rapidly in the Cape Province that an alternative method of control and administration will have to be developed to cope with the increasing needs and to ensure its continued healthy growth.

Conditions of Service of Teachers

New staffing quotas for schools which have been approved on an interdepartmental basis, have been put into effect in the course of the year and will, with due regard to available funds, be implemented over a period of 5 years. The quotas will bring relief especially in the larger schools where the greatest need exists, particularly in view of the implementation of the system of differentiated education. Full particulars in this connection have been furnished to schools in Circular No. 49/1977 dated 25 May 1977.

On the recommendation of the Committee of Educational Heads the Minister of National Education has approved the adaptation of the existing regulations relating to payment of transport and subsistence expenses to teachers, in order to bring the position in the teaching profession completely into line with that of the Public Service in all respect. An important aspect of the new dispensation is that every re-appointment of a teacher after a break in service, will be regarded as a first appointment for the purposes of payment of transport costs. Furthermore, provision has also been made for the payment of transport – and subsistence expenses to a teacher on secondment. The old dispensation did not make provision for a teacher to be compensated on transfer for additional expenses in respect of, *inter alia*, the replacement of number plates of privately-owned motor vehicles, the purchase of essential school uniforms, the disconnection and connection and alteration or replacement of domestic appliances, etc. The necessary provision therefor has now been made in the new dispensation. Candidates who are requested to report for an interview with a view to a possible appointment as Principal of a PIH school now also qualify for the payment of travelling expenses.

CHAPTER VII

EDUCATION BUILDINGS AND SITES

During the past year, extensive use was once again made of pre-fabricated mobile units in order to meet the need at schools where classroom accommodation had to be supplied immediately.

In spite of the present financial climate, it has been possible to commence building work in respect of a number of schemes and the capital funds were also sufficient for existing commitments in respect of the provision of new school buildings and extensions to existing buildings to be proceeded with.

With a view to savings on capital funds no new projects were added during 1977 to building schemes already approved. Many building schemes were, however, re-investigated and replanned to keep pace with developments in Education.

It is heartening to be able to mention that by December 1977, 46 schemes were advertised for the invitation of tenders as against 17 during 1976.

Appendix B contains particulars of new buildings and extensions to existing buildings completed during 1977.

A list of properties purchases, reserved, donated and exchanged during 1977, appears in Appendixes C and D.

Particulars of capital expenditure of education buildings since 1967/68, as well as interest and redemption charges during the past 10 years are furnished hereunder:

Table 1

Capital Expenditure on education buildings

1967/68	10 479 216
1968/69	11 681 262
1969/70	15 836 250
1970/71	22 924 784
1971/72	27 827 455
1972/73	24 598 839
1973/74	23 567 078
1974/75	31 650 003
1975/76	37 282 254
1976/77	24 347 060

Table 2

Interest and Redemption in respect of loans from the Government for education buildings

1967/68	5 209 863
1968/69	5 987 365
1969/70	6 923 809
1970/71	7 856 832
1971/72	9 619 686
1972/73	12 492 934
1973/74	14 147 775
1974/75	16 101 248
1975/76	19 203 724
1976/77	22 396 363

CHAPTER VIII

FINANCE

During the financial year ended 31 March 1977, expenditure on educational services, exclusive of interest and redemption charges, amounted to R147 682 783. Details of expenditure under the main heads, together with the expenditure in 1975/76, are given hereunder:

	1976/77	1975/76
White Education:	R	R
Administration	831 574	691 947
School Boards and School Committees	1 142 510	1 066 552
School Inspection	819 437	754 379
Medical Inspection	562 435	580 686
Training of Teachers	5 716 795	5 437 460
Secondary Education	36 330 297	32 180 346
Primary Education	43 233 077	39 022 739
Pre-Primary Education	125 488	102 301
Combined Primary and Secondary Education	22 009 269	20 271 025
Agricultural Education	1 725 091	1 604 799
Vocational Schools	6 220 671	5 892 354
Vacation Savings Bonus, Pension Funds, etc.	17 811 047	15 876 272
General	11 057 670	9 548 932
White Education	R147 585 361	R133 029 792
Non-White Education (Chinese)	97 422	97 373
TOTAL	R147 682 783	R133 127 165

Additional expenditure amounting to R14 555 569 was incurred in respect of education for Whites. The increase was due chiefly to the salary increments of teachers and administrative officials, increases in the cost of equipment, the increase in the number of private pre-primary schools receiving subsidies, the adjustment of balances due by former aided hostels and general increases in the running costs of hostels.

NET COST PER PUPIL ACCORDING TO ENROLMENT

	R
1970/71	350,91
1971/72	410,98
1972/73	428,89
1973/74	503,96
1974/75	575,43
1975/76	635,90
1976/77	692,42

Revenue

Revenue collected from education sources was as follows:-

	1976/77	1975/76
	R	R
School Fees (including Music and Training)	748 112	707 304
Boarding Fees (including Training)	5 365 192	5 142 414
Examination Fees	174 279	151 787
Agricultural Schools	543 244	281 733
Vocational Schools	472 645	444 162
Bank Balances of Aided Hostels taken over by the Administration	9 545	—
Balances in the Maintenance Funds at Aided Hostels taken over by the Administration	24 721	—
Other Education Receipts	2 031 415	817 276
TOTAL	R9 369 153	R7 544 676

The increase in the revenue derived from boarding fees is due mainly to the increase in boarding tariffs. Revenue from examination sources rose as a result of an increase in the number of candidates. Revenue in respect of other education receipts fluctuate from year to year but the considerable increase shown is mainly due to the adjustment of former student teachers' loans and bursaries, and capital of the Repayable Advances Fund, which was established to provide capital mainly for aided school hostels, transferred to revenue.

Interest and Redemption

Interest and redemption charges on loans raised for the erection of school and hostel buildings amounted to R22 396 362 compared with R19 203 724 during 1975/76.

Category	1975/76	1976/77
Interest	19 203 724	22 396 362
Redemption	19 203 724	22 396 362
TOTAL	19 203 724	22 396 362

Additional expenditure amounting to R14 222 209 was incurred in respect of education for Winter. The increase was due mainly to the increase in the number of teachers and administrative officials, increase in the cost of equipment, the increase in the number of new primary and secondary schools, the adjustment of balances due to former school boards and general increase in the running costs of hostels.

Category	1975/76	1976/77
Salaries	10 000 000	11 000 000
Grants	5 000 000	5 500 000
Other	4 222 209	5 722 209
TOTAL	19 222 209	22 222 209

Revenue collected from education sources was as follows:

Category	1975/76	1976/77
Other Education Receipts	2 011 412	2 011 412
Balance in the Maintenance Funds of Aided Hostels (also cost by the Administration)	24 731	24 731
Administration	2 242	2 242
Bank Balances of Aided Hostels taken over by the Administration	422 842	422 842
Voluntary Schools	281 712	281 712
Agricultural Schools	241 244	241 244
Examination Fees	1 142 414	1 142 414
Boarding Fees (including Hostels and Training)	107 204	107 204
TOTAL	4 222 209	4 222 209

**CHAPTER IX
ADMINISTRATIVE AND PROFESSIONAL STAFF**

A number of changes in the ranks of administrative and professional staff at Head Office took place in the course of the year. In view of the extension of the activities of the Department and in order to promote greater efficiency, additional posts of, *inter alia*, Chief Education Planner, Control Administrative Officer and Administrative Officer were created. Messrs P. Oosthuizen and W. T. Wilkinson were promoted from the Staff Section, Secretariat, to posts of Control Administrative Officer and Administrative Officer, respectively. Messrs J. H. A. Steenkamp and A. P. Venter, Administrative Officers, were promoted to posts of Control Administrative Officer in the Local Government and Roads Department, respectively. Mr B. S. D. T. Tyrrell-Glynn, Administrative Officer, retired on pension. Messrs J. A. Basson, J. A. Costello, E. Swartz and P. J. Müller were promoted to posts of Administrative Officer. Messrs E. Huber and M. J. J. du Toit were promoted to posts of Administrative Officer in the Local Government Department. Mr J. D. Fourie was promoted to a post of Administrative Officer in the Department of External Affairs, Pretoria. Dr C. J. J. Reyneke, Head, Psychological and Guidance Services, was appointed to the newly-created post of Chief Education Planner (Psychological and Guidance Services). Mr I. P. Wait, Chief Education Planner (Sciences) retired on pension and was succeeded by Mr J. A. du P. Jansen van Rensburg, Education Planner (Sciences). Mr Jansen van Rensburg was in turn succeeded by Mr S. W. Walters, Inspector of Education (Sciences). The post which had been filled by Mr Walters viz. that of Inspector of Education (Sciences) was abolished and a post of Education Planner (Primary Education) was created in its place. Mr D. J. de Villiers, Inspector of Education, was appointed as Assistant Head, Physical Amenities. Miss S. Jansen, Principal of the Groote Schuur Pre-Primary School, was appointed to the post of Subject Inspectress (Pre-primary Education). This year the Department has to record the death of two of its staff members viz. Messrs N. F. P. Burger, Subject Inspector (Music) and H. L. de Waal, Senior Administrative Assistant.

A number of changes also took place in the Inspectorate. The two posts of Relieving Inspector of Education were abolished while an additional post of Advisor (Audio-visual Education) was created. Mr B. D. Kleyn, Regional Chief Inspector of Education, retired on pension and was succeeded by Dr S. M. Cerff, Inspector of Education. Mr C. N. van der Merwe, Principal of the Hottentots-Holland High School, Somerset West, was appointed as Inspector of Education. Mrs M. van Niekerk, Subject Inspectress (Needlework) retired on pension and was succeeded by Miss E. Groenewald.

Mrs B. H. Barry, Subject Inspectress (Junior Primary Education) retired on pension and was succeeded by Mr D. L. Erasmus. Mr D. J. Vermeulen, Senior School Psychologist, retired on pension. Mr J. M. A. Weyers was promoted to Senior School Psychologist. Mr D. H. Rossouw was appointed Subject Inspector (Handwork). Mr D. Potgieter was appointed Adviser (Audio-visual Education). Drs S. M. Low, and C. van D. Lötter, Medical Inspectors of Schools, resigned. Dr. E. S. Iverson was appointed Dental Inspectress of Schools.

There were also a few changes in the School Board Service. The post of Secretary of the School Board of Kuruman was upgraded to Grade II. Messrs J. H. Jonker and J. J. van Zyl were promoted to Secretary, Grade II, at the School Boards of Albany and Kuruman, respectively.

To all those who have left the service of the Department, I wish to express my sincere appreciation of the valuable services rendered by them. I should also like to thank the serving staff for their zeal and diligence during the year under review.

Full particulars concerning staff, both administrative and professional, as at 1 January 1978, are given in Appendix A.

APPENDIX A

STAFF (1 JANUARY) 1978

Director of Education	P. S. Meyer, B.A., M.Ed.
Deputy Director of Education (Services)	A. J. Keulder, B.A., B.Ed.
Deputy Director of Education (Planning)	F. S. Robertson, B.A.
Deputy Director of Education (Admin.)	E. N. Volsteedt, M.A.
Under Secretaries	W. A. J. Pretorius, B.Econ. R. E. de Stadler
Administrative Control Officers	J. J. H. Blomerus J. W. de Jager J. F. de Wet A. M. Hanekom T. Kotzé P. Oosthuizen A. M. Visser
SECTIONS	
<i>Accommodation</i>	
Administrative Officer	H. R. Mouton
<i>Appointments</i>	
Administrative Officers	B. H. Langenhoven W. T. Wilkinson
<i>Conditions of Service (financial)</i>	
Administrative Officer	E. T. le Roux
<i>Conditions of Service (General)</i>	
Administrative Officer	B. J. van Heerden
<i>Domestic Services</i>	
Administrative Officer	I. N. Savage
<i>Examinations</i>	
Administrative Officers	H. C. Kotze E. Swartz
<i>Hostels or Grants</i>	
Administrative Officer	G. J. M. Lategan
<i>Bursaries and Conveyance</i>	
Administrative Officer	G. J. Marais
<i>Non-Teaching Staff</i>	
Administrative Officers	J. L. Henning T. J. P. Verwey
<i>Syllabi</i>	
Administrative Officer	J. A. Theunissen
<i>Requisites</i>	
Administrative Officers	C. W. P. Steenkamp P. F. Louw
<i>School Organisation</i>	
Administrative Officer	P. J. Müller
<i>Teachers</i>	
Administrative Officer	J. A. Costello
<i>Administrative Inspectorate</i>	
Administrative Officers	J. A. Basson J. G. C. Erwee C. J. A. Prins

Chief Education Planners

J. A. du P. Jansen van Rensburg, B.Sc.
H. A. Lambrechts, M.A.

Education Planners

A. V. Kühn, B.A.
P. J. le Roux, B.A.
S. W. Walters, B.Sc., M.Ed.
One vacant post

Physical Amenities

Head J. J. Vosloo, B.Sc.
Assistant Head D. J. de Villiers, B.A., B.Ed.

Education Bureau

Head J. H. H. Visagie, B.Sc., D.Ed.
Assistant Head W. T. Oosthuysen, B.Sc., B.Ed.
Senior Assistants J. A. Steyn, B.A., M.Ed.
H. G. Brand, B.A., B.Ed.

Selection Committee

Chairman A. P. du Toit, M.Sc.
Members S. B. Minnaar, B.A.
G. J. van Lill, B.A., D.Ed.

Education Library Service

Head Miss P. B. Ehlers, B.A.

Education Library

Principal Education Library Officer Miss E. M. Malan, B.A.
Senior Education Library Officers Miss F. Rossouw, B.A.
R. G. Webb, B.A.

School Library

Principal School Library Officer Mrs W. A. Ferguson, B.A.
Senior School Library Officer H. N. van Heerden, B.A.
Senior Selector of School Library Books Miss G. J. Theron, M.A.

Chief Inspectors of Education

N. W. du Bois, B.A.
H. G. J. Lintvelt, M.A.

Regional Chief Inspectors of Education

S. M. Cerff, B.A., D.Ed.
R. K. de Villiers, M.Sc.
R. A. Jansen, M.A.
D. J. A. Rust, B.Sc.
J. J. Visser, B.A.

Inspectors of Education

Circuit: Secondary Education

R. A. Bowes, B.Sc.
J. Campbell, B.Sc.
C. Clement, B.A.
C. J. de Jager, B.A., B.Ed.
J. P. N. de Jongh, B.Sc.
A. G. N. de Villiers, B.Comm.
G. de Villiers, B.Sc., B.Comm., B.Ed.
P. J. du Plessis, B.A.
J. Fourie, B.A., B.Ed.
H. E. Fox, B.Sc., D.Ed.
J. P. P. Fullard, B.A.
T. W. Higgs, B.A. (Hons.)
H. L. F. Koch, B.A., B.Ed.
J. S. Laubuschagne, B.A., B.Ed.
D. G. Malan, B.Comm.
S. D. Naude, B.A.
W. J. Olls, B.Sc.

P. R. Perold, B.A.
 D. C. Pienaar, B.A.
 F. A. Siebörger, M.Sc.
 J. P. Spangenberg, B.A., B.Comm.
 G. F. Stelzner, M.A.
 C. N. van der Merwe, M.A.
 A. J. Viljoen, M.Sc., B.Comm.
 J. Viljoen, B.Sc.
 D. J. Visser, B.Sc., M.Ed.
 J. Vosloo, M.A., B.Ed.

Circuit: Senior Primary Education

P. I. E. Barnard, B.A., B.Ed.
 R. D. Holmes, B.A.
 W. F. Kleu, B.A., B.Ed.
 F. L. Knoetze, B.A. (Hons), M.Ed.
 J. J. Steyn, B.A., B.Ed.
 D. Stickells, B.A., B.Ed.
 A. P. van Niekerk, M.A., B.Ed.

Afrikaans

G. F. Marais, B.A., B.Ed.

English

H. S. Houghton-Hawksley, B.A. (Hons.)

Commercial Subjects

D. J. Swanepoel, B.Comm.
 J. C. van Zyl, B.Comm.

SUBJECT ADVISERS, SENIOR SUBJECT INSPECTORS/INSPECTRESSES,
 SUBJECT INSPECTORS/INSPECTRESSES AND ADVISERS

Agriculture

A. E. Teubes, B.Sc. (Agriculture), B.Ed.

Art

Mrs R. M. Jensen, B.A. (Fine Arts)
 C. N. Lombard
 Mrs F. M. Lombard
 J. S. Malan
 J. H. Meyer, B.A.

Audio-Visual Education

P. J. du Toit
 P. J. Grobler, B.A.
 S. J. P. Oosthuizen, B.A.
 D. Potgieter
 J. Tindall, B.A.

Commercial Subjects

I. van der Watt, B.Comm.

Home Economics and Dietetics

Miss F. M. Classen
 Miss G. L. de Kock
 Mrs H. Humphries
 Miss O. Israelson
 Miss M. S. E. van Niekerk
 Miss D. Roux, B.Sc. (Hons.)

Junior Primary Education

D. L. Erasmus
 Miss S. Groenewoud
 Miss F. Grobler
 Miss J. H. Hattingh
 Mrs M. C. Hugo
 Miss A. S. Scholtz
 Miss A. Walden-Smith

Manual Training

N. R. Cowley, B.A.
 W. A. P. Pienaar, B.A.
 N. J. Range, B.A.
 D. H. Rossouw
 W. H. van der Westhuizen, B.A.

Music

J. P. P. Hugo, B.Mus.
 G. R. Smith, B.Mus.
 Mrs A. M. Wium, B.A. (Mus.), B.Mus.
 One vacant post

Needlework

Miss D. S. Bosch
 Mrs D. H. Botha
 Miss E. Groenewald
 Miss S. H. Matthee
 Mrs N. B. Sterrenberg

Physical Education

J. J. Schoombee, B.A.
 H. E. K. McKwan
 J. A. P. Nel, B.A.
 Miss M. Warren
 Miss B. H. Fourie, B.A.
 Miss R. E. Wienand

Pre-Primary Education

Miss S. Jansen

School Libraries

Miss E. M. de Jongh, B.A.
 M. G. Haw, B.A.
 J. van Huyssteen, B.A., B.Ed.

Scripture

R. L. Bardin, B.Sc., M.Ed.
 J. A. Louw, B.A.

Trade Subjects

R. W. Oliphant
 P. M. Stander
 C. E. van der Merwe
 P. J. Wilmans

MEDICAL AND DENTAL SERVICES

Chief Medical Inspector of Schools
 F. H. Badenhorst, B.A., M.B., Ch.B.

Medical Inspectors of Schools

- H. N. Gerber, M.B., Ch.B.
- C. M. Mentz, M.B., Ch.B.
- A. C. E. Mroczkowski, M.D. (Hamburg)
- F. H. P. Mroczkowski, M.B., Ch.B.
- I. Rosen, M.R.C.S., L.R.C.P., D.P.H.
- T. G. Viljoen, L.M.S.S.A. (Lond.), M.R.C.S. (Eng.)
- E. J. Voigt, M.B., Ch.B.
- C. F. Ziervogel, B.A., M.R.C.S., L.R.C.P. (Lond.)
- Six vacant posts

Dental Inspectors of Schools

- L. Cottrell, B.D.S.
- F. P. Heunis, L.D.S.R.C.S. (Edin.)
- E. S. Iverson, L.D.S., R.F.D.S. (Glasgow)
- J. L. Neill, B.D.S.
- V. C. Rigney, B.D.S.
- D. W. Smith, L.D.S. (Lond.)
- One vacant post

Chief School Nurse

- Miss P. Erasmus

Assistant Chief School Nurse

- Miss H. Prins

School Nurses

- Mrs J. B. Adendorff
- Miss M. C. Beckerhinn
- Mrs G. J. Bester
- Miss H. A. de Kock
- Miss J. N. Dicks
- Mrs V. C. Duthie
- Mrs A. M. C. du Toit
- Mrs A. Gericke
- Miss B. E. Jenkins
- Miss J. Kitshoff
- Mrs I. A. Kunitz
- Miss A. E. Laubscher
- Miss S. K. Lombard
- Mrs M. Lowe
- Mrs M. M. Meiring
- Mrs L. C. Meissner
- Mrs M. W. Mills
- Mrs A. S. O'Connor-Smith
- Mrs S. Pretorius
- Mrs H. N. Roux
- Mrs M. M. Scholtz
- Mrs S. A. Schoonraad
- Mrs H. Schroeder
- Miss S. J. Smith
- Mrs M. M. Terblanche
- Mrs Y. F. Toerien
- Miss A. D. van der Spuy
- Mrs H. C. van der Vyver
- Miss A. J. S. van Rooyen
- Mrs W. Venter
- Miss H. S. Visser
- Miss H. J. L. Vlok
- Miss J. D. Wagenaar
- Eight vacant posts

PSYCHOLOGICAL AND GUIDANCE SERVICES

Head

- C. J. J. Reyneke, M.A., D.Ed.

Assistant Heads

- B. Olivier, B.A. (Hons.)
- H. T. Pretorius, B.A., M.Ed.

Senior School Psychologists

- J. Büchner, B.Sc., M.Ed.
- J. H. A. du Plessis, B.A. (Hons.)
- A. du Preez, B.A.
- D. J. du Toit, B.A.
- N. J. Gildenhuys, M.A.
- J. F. Millar, B.A.
- J. C. Neethling, B.A., B.Ed.
- G. D. Nortje, B.A. (Hons.)
- J. J. Rademeyer, B.A.
- P. A. C. Weidemann, M.A.
- J. M. A. Weyers, B.A. (Hons.)

School Psychologists

- W. D. K. Beukes, B.A.
- F. G. Beytell, B.A.
- C. J. Bezuidenhout, B.A.
- J. C. E. Bouwer, B.A., M.Ed.
- H. J. Dippenaar, B.A.
- E. Esterhuysen, B.A. (Hons.), B.Ed.
- I. M. Goosen, B.A.
- D. J. Hall, B.A., B.Ed.
- J. D. M. Hanekom, B.A. (Hons.)
- A. C. Joubert, B.A.
- F. F. le Roux, B.A. (Hons.), B.Ed.
- W. K. Meyer, B.A.
- M. C. Potgieter, B.A., M.Ed.
- I. J. Pretorius, B.A., B.Ed.
- G. A. Schreuder, B.A.
- D. J. Sieberhagen, B.A.
- J. du T. Siebrits, B.A.
- E. H. Thompson, B.A.
- F. Turck, B.A.
- V. van der Merwe, B.A., B.Ed.
- W. van Greunen, B.A.
- A. F. van Niekerk, B.A.
- T. J. K. van Niekerk, B.A., B.Ed.
- D. R. van Rooyen, B.A., B.Ed.
- P. C. Vosloo, B.A.

Adviser for Speech Defective and Partial Hearing Pupils

- Miss B. K. Williams

APPENDIX B

EDUCATIONAL INSTITUTIONS COMPLETED DURING 1977

Schools

Aliwal North

High School: Additions and alterations

Barkly West

Danielskuil High School: Additions

Barrydale

Tradouw High School: Toilet facilities

Butterworth

High School: Swimming bath

Caledon

De Villiers Graaff Primary School: Additions

Cape

Cape Town High School: Additions

Muizenberg High School: New Buildings

Ysterplaat High School: Additions and alterations

East London

Selborne College Boys' High School: Additions and alterations

Hopefield

Saldanha Special School and hostels: New buildings

Vredenburg Preparatory School: Siteworks - Phase 1

Jansenville

Klipplaat Secondary School: Toilet facilities

Kimberley

Boys' High School: Additions and alterations

Mossel Bay

Hartenbos Primary School: Toilet facilities

Mount Currie

Kokstad High School: Sanitary facilities

Parow

Eversdal High School: New building

Port Elizabeth

Grey Boys' Primary School: Additions

Lawson Brown High School: Change rooms at sports facilities

Riversdale

Langenhoven High School: Erection of store room

Stellenbosch

A. F. Louw Primary School: Additions

Bloemhof Girls' High School: Additions and Modernisation

Sutherland

High School: Conversions

Tarka

Tarkastad High School: Additions

Uitenhage

Handhaaf Primary School: New building

Umtata

Umtata and Transkei High Schools: Swimming bath

Vanrhynsdorp

Vredendal Primary School: Waterborne sanitation

Worcester

Touws River Primary School: Additions

Vocational Schools

Kimberley

Commercial High School and Hostel: New buildings

Oudtshoorn

Technical High School Hostels: New buildings

Hostels

Clanwilliam

School Hostels: Sewerage

George

Oudeniqua High School: Oompie Meyer and M. C. Stander Hostels: Conversions

Humansdorp

Paul Sauer High School Hostel (Van Huysteen): Additions

Teachers' Colleges

Cape

Cape Town Teachers' College: Air-conditioning in music block

Oudtshoorn

Teachers' College: Ladies Hostel (Boehmke Hostel): Additions

Port Elizabeth

Teachers' College Hostels: New buildings

Teachers' College: New building

APPENDIX C

PROPERTIES EXPROPRIATED/PURCHASED DURING 1977 FOR EDUCATIONAL PURPOSES

District	School/Institution	Size	Price
		ha	R c
Caledon	Riversonderend High School	0,7138	1 000,00
Cape	Hout Bay Primary School	0,9365	28 800,00
"	" " " " " "	0,2304	1,00
"	Jan van Riebeeck High School	0,0955	2,00
"	Sunlands Primary School	2,9629	28 358,50
"	Wynberg Boys' High School.	0,2756	35 625,00
East London	Amalinda West Primary School	1,7202	36 750,00
Indwe	Indwe High School	0,6722	1,00
Knysna	Primary School	0,6424	61 024,00
"	Sedgefield Primary School.	1,4495	44 580,00
Komga	Secondary School	0,2535	1,00
Mount Currie	Grenswag High School	3,8393	4,00
Oudtshoorn	Van Rieede Primary School	4,4940	5 300,00
Paarl	Courtrai Primary School	0,0104	1,00
"	Gymnasium Primary School	0,3467	73 500,00
Port Elizabeth	Môrewag Primary School	0,0225	1,00
Prieska	Primary School: Môrewag Hostel.	0,3655	5 000,00
Stellenbosch	Proposed Somerset West Primary School No. 1	1,4848	40 000,00
"	" " " " " "	1,0661	56 700,00
Uitenhage	Winterberg Primary School	0,1855	2,00
Worcester	Die Bron Primary School	3,4201	159,72
"	Goudini Primary School	2,3190	1,00

APPENDIX D

LAND RESERVED UNDER THE TOWNSHIPS ORDINANCE, DONATED AND EXCHANGED DURING 1977

District	School/Institution	Area
		ha
	Reserved	
Bathurst	Port Alfred Ext. No. 7	6,9563
Bredasdorp	Suiderstrand	3,2069
Gordonia	Upington Ext. No. 36.	3,5075
Humansdorp	Portion of the farm Goedgelooft No. 745	8,8710
Port Elizabeth	Hunters Retreat Ext. No. 8	0,5284

District	School/Institution	Area
		ha
	Donated	
Cape	Gardens Commercial High School.	0,6014
"	Wynberg Boys' High School.	0,4748
East London	Stirling Primary School.	4,2229
Malmesbury	Maria van Riebeeck Housecraft High School	12,2626
Parow	Stikland Central Primary School.	0,4020
Stellenbosch	Brakenfell Primary School.	0,0112
Worcester	Worcester Commercial High School.	8,8430

District	School/Institution	Area
		ha
	Exchanged	
Caledon	Overberg High and Primary School	16,3052
De Aar	De Aar North Preparatory School.	1,3732
Kimberley	Du Toitspan Primary School	0,7244
"	Herlear Primary School.	0,3785
Parow	High School Site	12,8554

APPENDIX E

NUMBER OF SCHOOLS AS AT 30 SEPTEMBER 1977

	SCHOOLS													
	Teachers' Colleges	Vocational High	High	Commercial High	Art High	Agricultural High	Secondary	Special	Primary	Hospital	Pre-Primary	Total Sept. 1977	Total Sept. 1976	Difference
Under School Boards	5	—	223	10	—	—	25	9	573	9	8	862	872	-10
Church Schools	—	—	—	—	—	—	—	—	21	—	—	21	21	—
Other Schools	2	13	—	—	—	6	—	—	2	—	—	25	32	-7
Total Sept. 1977	7	13	225	10	—	6	25	9	596	9	8	908	—	-17
Total Sept. 1976	7	13	222	11	1	6	27	8	615	9	6	—	925	—
Difference	—	—	+3	-1	-1	—	-2	+1	-19	—	+2	—	—	-17

SUMMARY

	September 1977	September 1976	Difference
	908	925	-17

APPENDIX F

AVERAGE ENROLMENT OF PUPILS DURING THE QUARTER ENDED 30 SEPTEMBER, 1977
ARRANGED ACCORDING TO TYPE OF SCHOOL

	SCHOOLS													
	Teachers' Colleges	Vocational High	High	Commercial High	Art High	Agricultural High	Secondary	Special	Primary	Hospital	Pre-Primary	Total Sept 1977	Total Sept. 1976	Difference
Under School Boards	1 726	—	88 671	4 549	—	—	3 294	3 535	126 510	105	493	228 883	227 880	+1 003
Church Schools	—	—	—	—	—	—	—	—	3 030	—	—	3 030	3 245	-215
Other Schools	924	6 298	1 296	—	—	921	—	—	645	—	—	10 084	10 463	-379
Total Sept. 1977	2 650	6 298	89 967	4 549	—	921	3 294	3 535	130 185	105	493	241 997	—	+409
Total Sept. 1976	2 587	6 210	89 411	4 782	1	938	3 474	3 129	130 594	124	338	—	241 588	—
Difference	+63	+88	+556	-233	-1	-17	-180	+406	-409	-19	+155	—	—	+409

SUMMARY

	September 1977	September 1976	Difference
Number of pupils	241 997	241 588	+409

APPENDIX G

AVERAGE ATTENDANCE AND PERCENTAGE ATTENDANCE OF PUPILS IN SCHOOLS FOR THE YEAR

Average Attendance		Percentage Attendance	
1977	1976	1977	1976
233 846	232 627	96%	96%

APPENDIX H

I. DISTRIBUTION OF PUPILS IN STANDARDS 6 TO 10 ON THE FIRST TUESDAY IN MARCH FOR THE YEARS 1967 TO 1977

Year	Std 6	Std 7	Std 8	Std 9	Std 10
1967	18 132	16 554	12 812	9 505	7 594
1968	19 837	17 940	15 776	11 675	8 963
1969	19 785	18 458	15 962	12 292	9 373
1970	19 758	18 953	16 440	12 392	9 840
1971	19 799	19 139	16 683	13 344	9 989
1972	20 062	19 202	17 264	13 797	10 431
1973	20 144	19 353	17 581	14 265	10 887
1974	19 913	19 271	17 875	14 585	11 305
1975	19 939	19 412	17 705	15 162	11 736
1976	19 774	19 469	18 024	15 076	13 111
1977	19 840	19 126	18 388	15 379	13 221

II. PERCENTAGE DISTRIBUTION OF PUPILS IN STANDARDS 6 TO 10 (BASED ON PRECEDING TABLE) FOR THE YEARS 1967 TO 1977

Year	Std 6	Std 7	Std 8	Std 9	Std 10
1967	100	91	71	52	42
1968	100	90	80	59	45
1969	100	93	88	69	54
1970	100	96	83	68	55
1971	100	97	84	67	55
1972	100	97	87	70	53
1973	100	96	87	72	55
1974	100	96	89	74	57
1975	100	97	88	75	59
1976	100	98	90	75	65
1977	100	97	92	77	66

APPENDIX I

TABLE SHOWING AGES AND STANDARDS OF PUPILS ENROLLED IN HIGH, AGRICULTURAL HIGH, SECONDARY, SPECIAL, PRIMARY, PRE-PRIMARY AND VOCATIONAL SCHOOLS ON 1 MARCH 1977

Age last birthday	Pre-Primary	Substd A	Substd B	Std 1	Std 2	Std 3	Std 4	Std 5	Special classes for handicapped Pupils	Std 6	Std 7	Std 8	Std 9	Std 10	Special Schools	TOTAL	Percentage
Under 6	1 481	3 309	40	32	—	—	—	—	1	—	—	—	—	—	—	4 863	2,02
6 but not 7	75	16 966	2 827	87	—	—	—	—	8	—	—	—	—	—	—	19 963	8,30
7 but not 8	—	2 848	14 771	2 546	18	—	—	—	51	—	—	—	—	—	—	20 234	8,41
8 but not 9	—	196	3 296	13 989	2 558	21	—	—	200	—	—	—	—	—	—	20 260	8,42
9 but not 10	—	21	401	3 375	13 081	2 525	12	1	417	—	—	—	—	—	—	19 833	8,25
10 but not 11	—	2	21	585	3 281	12 945	2 442	13	638	—	—	—	—	—	—	19 927	8,28
11 but not 12	—	—	1	48	645	3 401	12 033	2 466	859	22	—	—	—	—	—	19 475	8,10
12 but not 13	—	—	2	10	89	897	3 357	11 805	1 142	2 614	23	—	—	—	—	19 939	8,29
13 but not 14	—	—	—	—	7	130	908	3 358	1 373	11 826	2 521	22	—	—	6	20 151	8,38
14 but not 15	—	—	—	1	2	13	144	955	1 257	3 944	11 194	2 700	29	4	317	20 560	8,55
15 but not 16	—	—	—	—	—	3	10	139	618	1 185	3 790	10 709	2 680	23	963	20 120	8,37
16 but not 17	—	—	—	—	—	—	2	9	123	233	1 323	3 465	9 533	2 552	1 094	18 334	7,62
17 but not 18	—	—	—	—	—	—	—	2	24	15	256	1 275	2 574	8 499	856	13 501	5,61
18 but not 19	—	—	—	—	—	—	—	—	3	1	19	206	520	1 810	333	2 892	1,20
19 and over	—	—	—	—	—	—	—	—	1	—	—	11	43	333	50	438	0,18
Total No. of pupils, 1977	1 556	23 342	21 359	20 673	19 681	19 935	18 908	18 748	6 715	19 840	19 126	18 388	15 379	13 221	3 619	240 490	100,0
Total No. of pupils, 1976	1 423	22 631	21 183	20 141	20 160	19 746	19 303	18 976	7 188	19 774	19 469	18 024	15 076	13 111	3 240	239 445	—
Median age, 19	—	6,55	7,53	8,55	9,55	10,57	11,58	12,58	—	13,61	14,63	15,60	16,52	17,47	—	—	—
*Percent. handicapped, 1977	—	—	—	0,3	0,5	0,7	0,8	0,8	—	1,2	1,4	1,2	0,3	—	—	—	—
Percent. of pupils in various standards, 1977	0,65	9,71	8,88	8,60	8,18	8,29	7,86	7,80	2,79	8,25	7,95	7,64	6,39	5,50	1,50	—	100,0

*Based on assumption that pupils normally enter school at 7 and all are scholastically handicapped if 2 years above normal age.

MEDIUM OF INSTRUCTION IN ALL STANDARDS IN
SCHOOLS ON 1 MARCH 1977

Standard	Mainly or exclusively Afrikaans	Mainly or exclusively English	Total number of Pupils
Pre-Primary	935	621	1 556
Sub-Std A	14 293	9 049	23 342
Sub-Std B	13 045	8 314	21 359
Std 1.	12 719	7 954	20 673
Std 2.	12 180	7 510	19 681
Std 3.	12 334	7 601	19 935
Std. 4	11 623	7 285	18 908
Std 5.	11 514	7 234	18 748
Std 6.	12 065	7 775	19 840
Std 7.	11 797	7 329	19 126
Std 8.	11 328	7 060	18 388
Std 9.	9 397	5 982	15 379
Std 10.	8 289	4 932	13 221
Special Classes:			
Handicapped Pupils	4 931	1 784	6 715
Special Schools	2 521	1 098	3 619
TOTAL	148 971	91 519	240 490

MEDIAN AGE OF PUPILS TO STANDARD 6 ON 1 MARCH 1977

Standard	Median Age
Sub-Std A	6,55
Sub-Std B	7,53
Std 1	8,55
Std 2	9,55
Std 3	10,57
Std 4	11,58
Std 5	12,58
Std 6	13,61

Standard	Number of Pupils	Median Age
Sub-Std A	11 214	6,55
Sub-Std B	13 062	7,53
Std 1	11 767	8,55
Std 2	11 352	9,55
Std 3	9 327	10,57
Std 4	8 289	11,58
Std 5	6 931	12,58
Std 6	5 231	13,61
TOTAL	82 088	

TABLE SHOWING AGES AND STANDARDS OF PUPILS TO STANDARD 6 ON 1 MARCH 1977

SEX OF TEACHERS, ARRANGED ACCORDING TO TYPE OF SCHOOL ON 30 JUNE 1977

SEX OF TEACHERS	Itinerant Teachers	Teachers' Colleges	SCHOOLS											
			Vocational High	High	Commercial High	Art High	Agricultural High	Secondary	Special	Primary	Hospital	Farm	Pre-Primary	Total
Male	37	146	395	2 533	103	—	64	105	180	1 771	1	—	—	5 335
Female	102	133	120	2 612	154	—	8	129	88	4 372	28	—	23	7 769
Total 1977	139	279	515	5 145	257	—	72	234	268	6 143	29	—	23	13 104
Total 1976	123	275	495	4 959	251	4	69	262	242	6 087	28	1	13	12 809
Percentage of Male Teachers:														
1977	26,6	52,3	76,7	49,2	40,1	—	88,9	44,9	67,2	28,8	3,5	—	—	40,7
1976	24,4	52,4	76,0	49,5	40,2	50,0	88,4	44,6	67,8	29,0	3,6	—	—	40,7

APPENDIX M

TEACHERS ARRANGED ACCORDING TO TYPE OF SCHOOL ON 30 JUNE 1977

	Itinerant Teachers	Teachers' Colleges	SCHOOLS											Total
			Vocational High	High	Commercial High	Art High	Agricultural High	Secondary	Special	Primary	Hospital	Farm	Pre-Primary	
Total 1977.....	139	279	515	5 145	257	—	72	234	268	6 143	29	—	23	13 104
Total 1976.....	123	275	495	4 959	251	4	69	262	242	6 087	28	1	13	12 809

APPENDIX N

NUMBER OF TEACHERS ARRANGED ACCORDING TO TYPE OF SCHOOL AND QUALIFICATIONS ON 1 MARCH 1977

Qualifications	Teachers' Colleges	High	Secondary	Special	Primary	Pre-Primary	Church Primary	Hospital	Total
With teachers' certificate or teachers' diploma:									
Non graduate:									
without additional diploma.....		1 294	120	42	3 470	3	105	11	5 045
with additional diploma.....	94	1 119	64	67	2 122	9	16	23	3 514
Graduate:									
B-degree.....	73	2 783	54	60	386	—	4	3	3 363
Honours degree.....	74	496	5	16	34	—	1	—	626
M-degree.....	28	141	1	4	15	—	—	1	190
D-degree.....	7	13	—	1	4	—	—	—	25
Without teachers' certificate or teachers' diploma:									
Non-graduate:									
without additional diploma.....	1	99	3	26	29	4	—	—	162
with additional diploma.....	2	63	1	55	27	5	—	—	153
Graduate:									
B-degree.....	7	95	2	2	12	—	—	—	118
Honours degree.....	1	29	—	—	2	—	—	—	32
M-degree.....	—	10	—	—	1	—	—	—	11
D-degree.....	—	2	—	—	—	—	—	—	2
Total	287	6 144	250	273	6 102	21	126	38	13 241

NUMBER OF ENTRIES AND PERCENTAGE OF PASSES IN ALL
DEPARTMENTAL EXAMINATION, 1977

Examinations	Number of Candidates	Percentage of Passes
Senior Certificate	14 078	92,8
Senior Certificate Supplementary (March the following year).	2 010	20,2
White Teachers' Diplomas and Certificates:		
Primary Teachers' Diploma:		
Course for Junior Standards	303	95,1
Course for Senior Standards	461	96,3
Teachers' Diploma.		
Academic Subjects.	21	85,8
Agricultural and Physical Science	11	91
Art	17	53
Wood- and Metal work	41	100
Music	1	100
Needlework	12	91,7
Physical Education	40	100
Junior Primary Education	4	100
Pre-Primary Education	13	100
Bilingual Certificate (written tests in English and Afrikaans)	633	68,9

CAPE SENIOR CERTIFICATE EXAMINATION, 1977
APPROXIMATE PERCENTAGE DISTRIBUTION OF SYMBOLS

APPENDIX O (Continued)

SUBJECT	SYMBOL									Total No. of candidates	Approx. median percent marks
	H	G	FF	F	E	D	C	B	A		
Afrikaans First Language: HG	—	1	1	6	24	34	23	9	2	9 260	55,5
English First Language: HG	—	1	2	7	23	32	24	9	2	5 424	55,5
Afrikaans Second Language: HG	1	1	2	8	25	31	22	8	2	4 877	54,0
English Second Language: HG	—	3	3	9	24	29	21	9	2	8 747	53,5
German Home Language: HG	—	2	1	12	35	27	20	3	—	84	50,0
Mathematics: HG	—	7	3	10	22	23	15	11	6	3 571	52,0
Mathematics: SG	8	9	4	14	25	19	13	6	2	3 964	46,0
Physical Science: HG	—	3	3	8	20	26	22	12	6	3 072	56,0
Physical Science: SG	—	5	4	11	25	28	18	7	2	1 522	51,5
Biology: HG	1	4	2	9	21	26	21	11	5	5 729	55,0
Biology: SG	2	7	4	15	27	26	12,5	5	1,5	3 674	48,0
Physiology: HG	1	2	5	6	19	20	21	20	6	117	58,5
Physiology: SG	1	5	5	14	24	21	19	10	1	123	50,2
Latin: HG	—	4	2	7	18	22	23	16	8	355	58,6
French: HG	2	7	4	12	25	26	14	7	3	219	50,0
German Third Language: HG	—	5	3	11	24	29	19	7	2	996	52,4
Hebrew: HG	1	5	4	15	19	19	16	11	10	103	53,0
Xhosa: SG	0	0	2	4	25	33	26	10	0	93	55,6
History: HG	1	5	2	10	23	26	19	10	4	3 093	53,5
History: SG	4	8	5	14	25	22	14	6	2	2 539	47,5
Geography: HG	1	5	3	11	26	28	18	6	2	2 049	51,5
Geography: SG	—	5	4	12	30	27	16	5	1	1 567	49,8
Economics: HG	3	7	3	11	24	22	17	9	4	580	51,0
Economics: SG	1	8	6	18	27	22	11	4,5	2,5	728	46,5
Music: HG	0	0	0	2	6	13	17	52	10	48	72,4
Music: SG	0	1	1	4	8	41	31	12	2	138	58,9
Art: HG	0	2	2	6	18	28	24	16	4	384	57,8
Art: SG	0	0	3	9	29	26	25	6	2	65	53,2
Biblical Studies: HG	0	8	4	10	24	34	14	4	2	50	51,2
Biblical Studies: SG	0	19	6	21	31	15	6	2	0	48	41,3
Accountancy: HG	1	4	3	10	19	25	19	13	6	2 132	55,0
Accountancy: SG	2	8	5	11	21	22	17	9	5	3 606	51,5
Business Economics: SG	4	10	5	11	23	21	14	8	4	1 171	48,9
Agricultural Science: HG	1	4	9	7	35	28	11	5	0	80	48,2
Agricultural Science: SG	—	3	3	13	29	29	17	5	1	560	51,0
Home Economics: HG	0	0	—	3	37	41	16	3	0	486	52,3

CAPE SENIOR CERTIFICATE EXAMINATION, 1977

APPROXIMATE PERCENTAGE DISTRIBUTION OF SYMBOLS

SUBJECT	SYMBOL									Total No. of candidates	Approx. median percent marks
	H	G	FF	F	E	D	C	B	A		
Home Economics: SG	0	0	—	4	29	44	18	5	—	1 452	53,8
Technical Drawing: HG	—	4	3	9	23	25	20	11	5	404	54,0
Technical Drawing: SG	—	2	2	9	32	31	18	5	1	407	51,1
Afrikaanse Letterkunde: SG	0	4	3	13	24	28	19	7	2	279	52,0
English Literature: SG	1	3	2	10	24	31	21	6	2	202	53,0
Woodwork: SG	0	1	1	5	23	36	26	7	1	1 616	55,5
Metalwork: SG	0	0	—	7	29	33	21	8	2	246	54,3
Needlework and Clothing: SG	0	1	1	6	23	38	22	8	1	677	55,0
Institutional Management: SG	0	0	0	0	27	54	19	0	0	48	54,2
Practical Music (Second instrument or Singing): SG	0	0	0	0	12	13	38	25	12	16	66,7
Science of Art: SG	0	12	0	25	13	50	0	0	0	8	50,0
Design: SG	0	2	2	5	21	27	26	10	7	58	57,5
Painting: SG	0	0	1	3	31	30	24	10	1	83	55,0
Sculpture: SG	0	0	0	14	58	14	0	14	0	7	46,5
Graphic Art: SG	0	0	14	15	43	14	14	0	0	7	45,0
Practical Ballet: SG	0	5	0	11	39	17	5	6	17	18	48,6
Mercantile Law: SG	3	6	6	18	24	14	19	5	5	130	46,8
Commercial Mathematics: SG	1	9	6	13	20	22	16	7	6	238	50,4
Typing: SG	3	8	4	9	17	22	20	13	4	4 511	54,1
Snelskrif: SG	6	14	4	4	8	10	14	17	23	839	63,2
Shorthand: SG	10	16	3	5	8	8	16	16	18	598	60,2
Field Husbandry: SG	0	1	1	10	38	37	13	0	0	114	50,0
Animal Husbandry:	0	0	3	9	34	42	10	2	0	114	51,0
Agricultural Economics: SG	1	6	0	10	27	33	14	9	0	124	52,0
Practical Agriculture: SG	0	0	0	0	24	51	22	3	0	63	55,2
Radiotrician Work: SG	0	2	0	7	22	26	26	11	6	46	57,5
Electrician Work: SG	0	1	1	7	36	32	19	4	—	236	51,4
Motor Mechanics: SG	0	—	2	9	36	31	16	6	0	172	50,8
Fitting and Turning: SG	0	1	1	1	5	21	34	25	12	164	66,0
Woodworking: SG	0	0	0	1	7	44	37	10	1	135	59,4
Welding and Metalworking: SG	0	0	0	0	31	31	38	0	0	13	56,3
Motor Body Repairing: SG	0	0	0	0	10	80	10	0	0	10	55,0
Plumbing and Sheet Metalworking: SG	0	0	0	0	0	12	41	47	0	17	69,3
Bricklaying and Plastering: SG	0	0	0	0	0	6	44	50	0	18	70,0
Functional Mathematics: SG	10	15	7	14	19	15	9	7	4	448	41,9
Functional Physical Science: SG	—	3	4	14	32	27	12	5	3	424	48,8

EXPENDITURE ON EDUCATION

STATEMENT FOR THE FINANCIAL YEAR ENDED 31 MARCH 1977

Administration

	R	c
1. Salaries, Wages and Allowances	819 540,71	
2. Subsistence and Transport Allowances including Out-of-Pocket Expenses.	7 463,35	
3. Transport.	4 569,43	
Total.	<u>R831 573,49</u>	

School Boards and School Committees

1. Salaries, Wages and Allowances	951 248,27
2. Subsistence and Transport Allowances including Out-of-Pocket Expenses and Holiday Concessions	41 167,54
3. Transport.	17 140,40
4. Office Equipment, Material and Furniture, including Repairs, Printing, Stationery and Advertising	50 789,43
5. Fuel	79 922,82
6. Election Expenses	11,96
7. Incidentals.	2 229,55
Total.	<u>R1 142 509,97</u>

School Inspection

1. Salaries, Wages and Allowances	713 668,40
2. Subsistence and Transport Allowances including Out-of-Pocket Expenses.	50 525,12
3. Transport.	52 912,09
4. Incidentals including Expenses in connection with Inspectors' Conferences	2 330,87
Total.	<u>R819 436,48</u>

Medical Inspection and Treatment

1. Salaries, Wages and Allowances	386 134,70
2. Subsistence and Transport Allowances including Out-of-Pocket Expenses.	26 490,70
3. Transport.	26 249,68
4. Medical treatment of school children.	122 217,11
5. Incidentals.	1 342,61
Total.	<u>R562 434,80</u>

WHITE EDUCATION

Training of Teachers

1. Salaries, Wages and Allowances	4 378 451,04
2. Subsistence and Transport Allowances including Out-of-Pocket Expenses.	99 242,96
3. Transport.	66 391,10
4. School Equipment, Material and Furniture, including Repairs	181 978,14
5. Hostels	866 344,86
6. Fuel	65 530,68
7. Training of Serving Teachers, etc	41 173,88
8. Miscellaneous	17 682,27
Total.	<u>R5 716 794,93</u>

APPENDIX P (Continued)

Secondary Education including Commercial High Schools

1. Salaries, Wages and Allowances	27 375 834,30
2. Subsistence and Transport Allowances.	41 858,61
3. School Equipment, Material and Furniture, including Repairs	3 542 337,87
4. Bursaries	57 505,00
5. Hostels	4 642 229,52
6. Fuel	667 356,75
7. Incidentals	3 173,95
Total.	<u>R36 330 297,00</u>

Primary Education

1. Salaries, Wages and Allowances	39 012 931,20
2. Subsistence and Transport Allowances.	32 928,07
3. Furniture and Equipment, Cleaning Material, Books and School Material	2 377 863,40
4. Hostels	1 107 806,78
5. Fuel	697 764,55
6. Incidentals	3 783,36
Total.	<u>R43 233 077,36</u>

Pre-Primary Education

7. Salaries, Wages and Allowances	92 525,47
8. Subsistence and Transport Allowances.	—
9. School Equipment, Material and Furniture	32 827,55
10. Fuel	125,84
11. Incidentals	8,73
Total.	<u>R125 487,59</u>

Combined Primary and Secondary Education

1. Salaries, Wages and Allowances	15 364 536,62
2. Subsistence and Transport Allowances.	36 222,38
3. Furniture and Equipment, Cleaning Material, Books and School Material	1 164 437,80
4. Hostels	5 176 290,46
5. Fuel	264 557,02
6. Incidentals	3 224,97
Total.	<u>R22 009 269,25</u>

EDUCATION FOR ASIANS

Primary and Secondary Education

1. Salaries, Wages and Allowances	93 435,00
2. Subsistence and Transport Allowances.	—
3. Furniture and Equipment, Cleaning Material, Books and School Material	3 980,10
4. Fuel	6,84
5. Miscellaneous	—
Total.	<u>R97 421,94</u>

APPENDIX P (Continued)

Miscellaneous

1. Examination Expenses	365 293,66
2. Libraries	430 343,81
3. Contributions to Department of National Education	91 000,00
4. Printing, Stationery and Advertising	117 630,00
5. Post Office Services	591 115,92
6. Payments to Schools in respect of Equipment.	98 636,15
7. Subsidies to Nursery Schools and Miscellaneous Payments.	838 323,45
8. Repayable Advances Fund: Adjustment of balances due by former aided hostels.	449 682,06
9. Boarding and Conveyance of School Children	1 743 412,01
10. Railage	200 415,88
11. Bursaries for Students taking Teachers' Courses.	5 973 454,32
12. Incidentals	158 362,42
Total.	<u>R11 057 669,68</u>

VOCATIONAL SCHOOLS EXCLUDING COMMERCIAL HIGH SCHOOLS

1. Salaries, Wages and Allowances	4 629 685,67
2. Subsistence and Transport Allowances.	47 697,18
3. Miscellaneous and Incidentals	4 020,04
4. Supplies and Services	1 258 239,80
5. Subsidies for the purchase of Equipment	1 979,75
6. Fuel	231 959,59
7. Training of Teachers in Vocational Subjects	47 089,44
Total.	<u>R6 220 671,47</u>

AGRICULTURAL EDUCATION

Agricultural Schools

<i>Educational Division</i>	
1. Salaries, Wages and Allowances	694 173,63
2. Subsistence and Transport Allowances.	4 823,25
3. School Equipment, Material and Furniture, including Repairs	62 797,92
4. Fuel	35 277,30
5. Incidentals	11 412,25
<i>Hostel Division</i>	
6. Hostels	437 602,35
<i>Farming Division</i>	
7. Salaries, Wages and Allowances	166 717,55
8. Maintenance Costs.	242 750,69
9. Extraordinary Expenditure	69 536,53
Total.	<u>R1 725 091,47</u>

Vocation Savings Bonus

1. Vocation Savings Bonus	3 096 755,15
2. Contributions to pension and provident funds.	11 516 479,15
3. Other staff benefits	3 197 812,89
	<u>R17 811 047,19</u>
Grand Total of Vote	<u>R147 682 782,62</u>

APPENDIX Q

INDIGENT PUPILS TREATED UNDER THE DEPARTMENT'S MEDICAL SCHEME DURING 1977

SCHOOL BOARD	TEETH				EYES	
	Extractions	Fillings	Other treatment	Den-tures	Exami-tions	Spec-tacles
Aberdeen	11	—	—	1	2	2
Albany	—	—	—	—	—	—
Albert	—	—	—	—	—	—
Alexandria	—	—	—	—	—	—
Aliwal North	—	—	—	—	—	—
Barkly East	—	—	—	—	—	—
Barkly West	—	—	—	—	9	9
Barrydale	49	47	—	2	—	—
Bathurst	—	—	—	—	—	—
Beaufort West	2	14	—	—	3	3
Bedford	—	—	—	—	—	—
Bredasdorp	51	81	—	2	4	4
Britstown	—	—	—	—	—	—
Caledon	41	82	—	—	18	18
Calitzdorp	24	12	—	1	2	2
Calvinia	—	—	—	—	1	1
Cape	303	400	—	—	179	179
Carnarvon	—	—	—	—	—	—
Cathcart	—	—	—	—	—	—
Ceres	25	104	—	2	6	6
Clanwilliam	22	25	—	1	9	9
Colesberg	2	5	—	—	—	—
Cradock	7	30	—	1	10	10
De Aar	7	—	—	—	—	—
East London	—	—	—	5	13	13
Elliot	—	3	—	—	4	4
Fort Beaufort	10	4	—	1	2	2
Fraserburg	—	—	—	—	2	2
Garies	—	—	—	—	1	1
George	338	174	—	12	3	3
Gordonia	2	14	—	—	2	2
Graaff-Reinet	18	—	—	—	5	5
Hanover	—	—	—	—	—	—
Hay	8	6	—	—	—	—
Heidelberg	4	17	—	1	—	—
Herbert	—	—	—	—	—	—
Hopefield	22	68	—	1	4	4
Hopetown	—	—	—	—	—	—
Humansdorp	103	83	—	2	—	—
Indwe	—	—	—	—	—	—

APPENDIX Q (Continued)

SCHOOL BOARD	TEETH				EYES	
	Extractions	Fillings	Other treatment	Den-tures	Exami-tions	Spec-tacles
Jansenville	—	—	—	—	—	—
Kakamas	—	—	—	—	—	—
Kenhardt	—	—	—	—	—	—
Kimberley	2	2	—	2	14	14
King William's Town	66	221	—	2	4	4
Knysna	485	882	—	9	11	11
Komga	—	—	—	—	—	—
Kuruman	—	4	—	—	—	—
Ladismith	43	58	—	3	2	2
Lady Grey	—	—	—	—	—	—
Laingsburg	—	—	—	—	—	—
Maclear	133	315	—	—	1	1
Mafeking	—	4	—	—	—	—
Malmesbury	54	91	—	4	9	9
Maraisburg	—	—	—	—	—	—
Middelburg	—	—	—	—	—	—
Molteno	—	—	—	—	—	—
Montagu	5	38	—	1	5	5
Mossel Bay	115	84	—	4	3	3
Murraysburg	—	—	—	—	1	1
Nieuwoudtville	1	8	—	—	—	—
Oudtshoorn	269	219	—	8	7	7
Paarl	61	206	—	3	24	24
Parow	535	285	—	17	97	97
Pearston	—	—	—	—	—	—
Peddie	—	—	—	—	—	—
Petrusville	—	—	—	—	—	—
Philipstown	—	—	—	—	—	—
Piketberg	12	29	—	—	—	—
Port Elizabeth	513	230	—	23	47	47
Prieska	—	—	—	—	1	1
Prince Albert	58	—	—	2	—	—
Queenstown	20	4	—	1	—	—
Richmond	—	1	—	—	—	—
Riversdale	131	51	—	1	5	5
Robertson	69	232	—	1	9	9
Somerset East	9	12	—	—	—	—
Springbok	1	1	—	—	4	4
Stellenbosch	59	25	—	4	12	12
Sterkstroom	—	—	—	—	1	1
Steynsburg	—	—	—	—	—	—

SCHOOL BOARD	TEETH				EYES	
	Extractions	Fillings	Other treatment	Dentures	Examinations	Spectacles
Steytlerville	—	—	—	—	—	—
Stockenström	—	—	—	—	—	—
Strydenburg	—	—	—	—	—	—
Stutterheim	—	—	—	—	—	—
Sutherland	—	—	—	1	—	—
Swellendam	48	103	—	1	1	1
Tarka	—	—	—	—	—	—
Tulbagh	34	41	—	2	4	4
Uitenhage	234	181	—	8	7	7
Uniondale	119	113	—	5	3	3
Vaalharts	3	—	—	1	—	—
Vanrhynsdorp	24	59	—	—	11	11
Venterstad	—	—	—	—	—	—
Victoria East	—	—	—	—	—	—
Victoria West	—	—	—	—	—	—
Vosburg	—	—	—	—	2	2
Vryburg	—	—	—	—	2	2
Wellington	23	78	—	—	13	13
Williston	—	—	—	—	—	—
Willowmore	3	26	—	1	1	1
Wodehouse	—	—	—	—	—	—
Worcester	108	243	—	2	17	17
TOTAL	4 286	5 015	—	138	597	597

TECHNICAL HIGH SCHOOLS	TEETH				EYES	
	Extractions	Fillings	Other treatment	Dentures	Examinations	Spectacles
Cape, Oude Molen Technical High	—	—	—	—	—	—
East London, Technical High	—	—	—	—	1	1
George, P. W. Botha Technical High	3	9	—	13	1	1
Kimberley, Technical High	—	—	—	1	1	1
Oudtshoorn, Technical High	9	11	—	4	—	—
Uitenhage, Daniel Pienaar Tech. High	1	2	—	1	—	—
Worcester, Drostdy Technical High	54	38	—	1	1	1
TOTAL	67	60	—	20	4	4
GRAND TOTAL (Ordinary plus Technical Schools).	4 353	5 075	—	158	601	601

MEDICAL INSPECTION: 1977 STATISTICS

	BOYS					GIRLS				
	Pre- primary	Younger	Inter- mediate	Older	Special	Younger	Inter- mediate	Older	Special	Pre- primary
Number of schools visited										
Total pupils re-examined.										
Total pupils examined										
Number of pupils examined.	156	6 608	5 513	5 844	2 895	3 360	5 006	5 848	3 213	328
Number of pupils not vaccinated										
Number of pupils not immunised against polio										
Total			21 016					20 755		
DEFECTS:			Boys - 3 814					Girls - 3 531		
Nutrition			84					142		
Teeth			3 269					2 418		
Nose and Throat			199					130		
Tonsils			347					501		
Adenoids			24					16		
Glands: Lymphatic			8					11		
Endocrine			5					13		
Eyes: External			150					214		
Vision			1 510					1 916		
Ears			483					722		
Hearing			143					167		
Skin			229					293		
Heart and Circulation			134					72		
Blood dyscrazias			67					82		
Lungs			133					106		
Central Nervous System			78					67		
Genito-urinary			345					114		
Abdomen			95					64		
Deformities			419					432		
Infectious Diseases			21					4		
Speech			52					15		
Other			363					463		
Intelligence			3					3		
Number of pupils recommended for treatment			6 955					5 485		
Number of directions to teachers						TOTAL				
Number of parents or guardians present						15 576				
Number of pupils with nits or vermin						14 678				
Number of corrective exercises: Boys						259				
Girls						858				
						447				

MEDICAL INSPECTION, 1977
RESULTS OF PREVIOUS RECOMMENDATIONS FOR TREATMENT

	BOYS			GIRLS			TOTAL		
1. Number of children who obtained treatment	5 064			4 488			9 552		
2. Number of children who did not obtain treatment	1 108			893			2 001		
3. Number of children about whom information was not obtainable	1 436			1 416			2 852		
Total number of children recommended for treatment at the previous inspection	7 608			6 797			14 405		
Percentage of children recommended for treatment who obtained treatment	—			—			—		
Number of children re-examined . .	4 714			3 641			8 355		
Number of cases followed up	3 872			3 356			7 228		
NATURE OF DEFECT	Defects Treated			Defects not treated			Information not available in regard to following defects in		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Dental	1 871	1 546	3 417	792	561	1 353	740	537	1 297
Nose and Throat	450	381	831	90	108	198	126	117	243
Ear	547	526	1 073	80	84	164	111	110	221
Eye	1 156	1 404	2 560	105	121	226	241	319	560
Other	1 546	1 213	2 759	190	156	346	363	312	675

