

I. EDUCATIONAL MEDIA

Preparation and evaluation of textbooks and supplementary reading materials; works of reference; use of audio-visual aids; radio; television.

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| 1. | Name of Institution | - University of Papua and New Guinea |
| | Title of Project | - EXTENSIVE READING LIST FOR HIGH SCHOOLS |
| | Names of Persons and Designation | - <u>Miss N. Ridgeway</u> , Graduate Assistant; <u>Mrs. D. Isoardi</u> , Graduate Assistant; <u>Mr. R. Wingfield</u> , UNESCO Adviser; <u>Mrs. R. Forrest</u> , UNESCO Adviser. |
| | Main Aim of Project | - To prepare an annotated bibliography of reading materials designed for extensive reading in Papua and New Guinea high schools. |
| | Description | - The examination of some 100 titles for annotation, with cross references of several types - to be updated as a continuing project. |
| | Date of Commencement | - February, 1970. |
| | Date of Completion | - February, 1971, (first edition). |
| | Source of Finance | - Educational Materials Centre; UNESCO Project, Goroka Teachers' College. |
| | Method of Publication | - Copies available from: Educational Materials Centre, University of Papua and New Guinea, P.O. Box 1144, Boroko, Papua New Guinea. |
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| 2. | Name of Institution | - University of Papua and New Guinea. |
| | Title of Project | - ASSESSMENT OF TEACHING AND LEARNING MATERIALS |
| | Names of Persons and Designations | - <u>Dr. G.A. Trevaskis</u> , Senior Lecturer, <u>Mrs. M. Donohue</u> , Graduate Assistant. |
| | Main Aim of Project | - To assess the educational materials used by the Reserve Bank of Australia in its extension programmes. |
| | Description | - Examination of seven booklets in the series "What is Banking?" from various viewpoints: language, comprehensibility, style, presentation, format, educational use and purpose. |

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Date of Commencement	- March, 1971.
Date of Completion	- September, 1971.
Source of Finance	- Reserve Bank of Australia.
Method of Publication	- Report to Reserve Bank of Australia.
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Name of Institution	- University of Papua and New Guinea.
Title of Project	- THE DEVELOPMENT OF PRE-SCHOOL TEACHING AND LEARNING MATERIALS - See F 3
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Name of Institution	- University of Papua and New Guinea.
Title of Project	- DESIGN, CREATION AND TESTING OF EDUCATIONAL MATERIALS FOR A NON-GRADED, MULTI-RACIAL PRIMARY SCHOOL - See F 5
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Name of Institution	- University of Papua and New Guinea.
Title of Project	- SURVEY OF SCHOOL BROADCASTS - See F 8
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Name of Institution	- University of Papua and New Guinea.
Title of Project	- UNIVERSITY EXTENSION LECTURE SERIES - See F 9
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Name of Institution	- University of Papua and New Guinea.
Title of Project	- SECONDARY SOCIAL SCIENCES PROJECT - See F 10
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Name of Institution	- University of Papua and New Guinea.
Title of Project	- DESCRIBING MATERIALS USED IN TEACHING AND LEARNING

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- See F 11

Name of Institution	- University of Papua and New Guinea.
Title of Project	- EVALUATION OF THE T.P.P.S. PRIMARY SCIENCE PROGRAMME
	- See F 12

3. Name of Institution	- Department of Education, University of Hong Kong.
Title of Project	- EDUCATIONAL RESEARCH IN HONG KONG: A REFERENCE BOOK
Names of Persons	- <u>Dr. Norman K. Henderson;</u> <u>W. Fisher-Short.</u>
Description	- A summary of the sampling methods and types of school population involved, and other social and local issues in pursuing social research; of special use for reference by educational personnel in Hong Kong.
Date of Commencement	- June, 1969.
Sources of Finance	- Department of Education, University of Hong Kong and private sources.

Name of Institution	- Department of Education, University of Hong Kong.
Title of Project	- THE USE OF AUDIO-VISUAL METHODS IN TEACHER TRAINING WITH THE DEVELOPMENT OF APPROPRIATE FILM LOOPS, SYNCHRONIZED SLIDES, PROGRAMMED LEARNING SEQUENCES, AND TAPED LESSONS INTER-ACTION ANALYSIS
	- See G 1

4. Name of Institution	- Centre of Advanced Study in Education, Faculty of Education and Psychology, M.S. University of Baroda, India.
Title of Project	- PREPARATION AND EVALUATION OF PROGRAMMED READING MATERIALS

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- Names of Persons and Designations - Dr. G.B. Shah, Reader, Centre of Advanced Study in Education; Miss G.G. Kapadia,) Junior Research Mr. V. Krishnamurthy) Fellows, CASE.
- Main Aim of Project - An exploration into the possibilities and effectiveness of using programmed materials in schools.
- Description - Phase I "Effectiveness of Four Response Modes in Programmed Learning: an Exploration". The programme of 'Directed Numbers' was administered to 4 groups each having overt and covert responses of construct or copying nature.
- Phase II To develop programmed learning material and to study pupil achievement in relation to certain personality variables.
- A programme on the heart, and on blood circulation, in the Gujarati language, was prepared and used in the VIII standard of the secondary schools. Statistical analysis is now under progress.
- Phase III An investigation into the relative effectiveness of different forms of programmed learning material. Programmes of linear, branching, skip-programmes styles, were prepared about, 'Thermometers' (in English) and were used in English medium schools of Baroda in standard VIII. Now statistical analysis is under way.
- Date of Commencement - August, 1969.
- Expected Dates of Completion - Phase I is over and the results are published in the Indian Educational Review, published by N.C.E.R.T., January, 1971 - "Effectiveness of Four Response Modes in Programmed Learning - an Exploration". Phases II and III will be completed by June, 1971.
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5. Name of Institution - The S.I.T.U. Council of Education
Research, 95-A, Ramakrishna Mutt Road,
Raja Annamalaipuram, Madras 28, India.
- Title of Project - READING READINESS PROJECT
- Names of Persons and Designations - S. Natarajan, Project Officer;
M. Duraiswamy, Project Officer;
G. Srinivasachari, Research Officer;
P.V. Krishnamurthy, Research Assistant;
R. Sarangapani Iyengar, Consultant.
- Description - 1. Word meaning tests (verbal and non-verbal).
2. Sentence meaning tests (verbal and non-verbal).
3. Visual perception tests.
4. Auditory discrimination tests (initial, middle and final sounds of words in Tamil).
5. Copying tests.
Conclusions will be drawn on the basis of the data collected.
- Date of Commencement - August, 1969.
- Date of Completion - July, 1971.
- Sources of Finance - Grant from National Council of Educational Research and Training, New Delhi and Resources of the S.I.T.U. Council of Educational Research.
- Method of Publication - Printed report.
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6. Name of Institution - Audio-Visual Aids Centre, National Institute of Education, Makerere University, Kampala, Uganda.
- Title of Project - A BASIC VISUAL-AIDS COURSE
- Name of Person and Designation - Charles A. Pratt, Co-ordinator.
- Main Aim of Project - To provide a comprehensive, inexpensive basic course for teachers.

Comprehensive in the sense that not only is a handbook provided but all the requirements are internationally available in 'KITS' specifically designed to facilitate production.

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Basic in that it serves the needs of teaching at all levels and in all types of educational establishments.

Description

- A comprehensive handbook for tutors, technicians and local centre staff, describing in full detail the production of a portable blackboard/flannelboard (3' x 2') and instruction and practice in inexpensive flannelboard techniques and the provision of a 'Starter Kit' of materials. Routines taught include a 'No Backing Flannelboard Technique' permitting the use of most types of paper without the application of any backing material. This makes a flannelboard the cheapest display board for previously prepared material. Also included is the making of ink-markers from drinking straws and newspaper, and enlarging using three rubber bands.

The materials which have to be purchased are available in three kits from an international supplier, they are as follows:

1. "CENTRE KIT" for 5 or 20 persons, according to capacity for training. Provides everything to equip centre.
2. "PRODUCTION KIT" for 20 persons. Provides everything for production and training.
3. "STARTER KIT" for 20 persons. Provides materials so that on completion of the course they can go and practice the skills they have learnt.

The course and the kits have been specially designed to meet the needs of local centres and teacher training establishments.

Field tests carried out in Uganda in 1970-71, involving the production of 700 portable boards, 260 in up-country, rural situations.

- Date of Commencement - Started in Tanzania in 1967; finalised in Uganda in 1969.
- Date of Completion - 1970.
- Sources of Finance - The Nuffield Foundation, the Carnegie Corporation of New York and Institute funds.

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Method and Anticipated Date of Publication	- Duplicated handbook which has been reprinted several times.
7. Name of Institution	- Audio-Visual Aids Centre, National Institute of Education, Makerere University, Kampala, Uganda.
Title of Project	- SLIDE LIBRARY SERVICES
Name of Person and Designation	- <u>Charles A. Pratt</u> , Co-ordinator.
Main Aims of Project	- Our slide library has the ultimate aim of holding, in 35mm. film format, every picture required to illustrate the syllabuses used in Uganda. The 'Service' seeks to catalogue and inform concerning our stocks and to copy materials for educational use, on a non-profit-making basis. Slide library development is financed by the institute and carried out in association with subject specialists. The production of slides, in black and white, or colour, for educational use. Print production under evaluation with a view to mass production in late 1971.
Description	- To facilitate staff training, we have produced two textbooks:- "Slide Copying" and "Leitz Reprovit IIA Handbook". Experience shows that slide library services can provide a valuable aid to teaching, operate on viable economic lines within the budget of a developing country, and facilitate curriculum development.
Sources of Finance	- The Nuffield Foundation, the Carnegie Corporation of New York and institute funds.
Method of Publication	- Handbooks and some offset illustrations have been mimeographed.

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8. Name of Institution - Audio-Visual Aids Centre, National Institute of Education, Makerere University, Kampala, Uganda.
- Title of Project - 16MM SOUND FILM PROJECTION: TEACHER TRAINING
- Name of Person and Designation - Charles A. Pratt, Co-ordinator.
- Main Aim of Project - To rationalise 16 mm. sound film projection training to conform to a pattern starting with a simple routine and proceeding by graduated stages to the complex whole.
- This approach directly related to the practical training of large numbers of student teachers.
- Description - The work is presented as a duplicated handbook for tutors and technicians and is designed to have some of its pages reproduced for issue as supplementary notes for the students being trained.
- Based on the Bell and Howell Model 642 projector, it can be adapted to other makes and models.
- Specifically designed to facilitate the training of many students on the basis of a series of one hour sessions for 20 students.
- Sources of Finance - The Nuffield Foundation, the Carnegie Corporation of New York and institute funds.
- Method of Publication - Mimeographed handbook.

Name of Institution - Audio-Visual Aids Centre, National Institute of Education, Makerere University, Kampala, Uganda.

Title of Project - AUDIO-VISUAL AIDS TECHNICAL SERVICES

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9. Name of Institution - Department of Education, Makerere University, Kampala, Uganda.
- Title of Project - PROGRAMMED LEARNING IN SECONDARY SCHOOL PHYSICS IN UGANDA
- Name of Person and Designation - A.L. Gunn, Lecturer.
- Main Aim of Project - To investigate the usefulness of the programmed learning approach to physics teaching in Ugandan secondary schools.
- Description - Production and trial of programmed material in physics in a limited number of schools, particularly to find:
- a) if the students have difficulties due to 2nd. language learning;
 - b) if programmed material can lead to more efficient use of teachers;
 - c) if the programmes can be integrated effectively with practical work.
- Date of Commencement - March, 1971.
- Expected Date of Completion - December, 1972.
- Source of Finance - Application made for Makerere research grant.
- Method and Anticipated Date of Publication - As papers, in 1973.
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10. Name of Institution - Department of Education, Makerere University, Kampala, Uganda.
- Title of Project - AIDS TO THE TEACHING OF HISTORY
- Name of Person and Designation - T. Watson, Senior Lecturer.
- Main Aim of Project - To develop instructional materials for history.
- Description - Aids to the teaching of history in East Africa. These include slides, tapes, the use of primary sources and a number of written sources for pupils in senior secondary schools.
- Date of Commencement - March, 1971.

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Expected Date of Completion	- December, 1972.
Source of Finance	- Probably Makerere.
Method and Anticipated Date of Publication	- As instructional materials in 1973.
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11. Name of Institution	- Institute for African Studies, University of Zambia.
Title of Project	- THE ZAMBIAN BROADCASTING SERVICES RESEARCH PROJECT
Name of Person and Designation	- <u>Graham Mytton</u> , Zambian Broadcasting Services Research Fellow.
Description	<p>- The project is chiefly concerned with nation-wide audience research. Audience attitudes to broadcasting, and in particular to language policy, are being studied. The size of the radio audience is being measured, and data are being obtained on many related communications.</p> <p>On the educational side of broadcasting, attention is being given to the problem of measuring the effectiveness (or otherwise) of all kinds of educational and instructional radio material.</p> <p>The research project is policy-oriented and recommendations based on the findings of the research are being put forward for consideration in future radio programme planning.</p>
Date of Commencement	- March, 1970.
Expected Date of Completion	- March, 1973.
Source of Finance	- The project is entirely financed by the Ministry of Information, Broadcasting and Tourism.
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Name of Institution	- Comparative Education Study and Adaptation Centre (CESAC), University of Lagos, Nigeria.
Title of Project	- THE DEVELOPMENT OF CURRICULA AND INSTRUCTIONAL MATERIALS FOR

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USE IN THE SECONDARY SCHOOLS OF
NIGERIA

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12. Name of Institution - Institute of Education, University of Keele, Britain.
- Title of Project - THE KEELE INTEGRATED STUDIES PROJECT
- Names of Persons and Designations - (a) British members:
D.W. Bolam, Director;
D.R. Jenkins, Assistant Director;
Mrs. M. Brooksbank,)
G. Hartley,)Co-ordinators
S.J. Parker,)with L.E.A.'s.
A. Townsend,)
- (b) Overseas Fellows:
R. Asiedu (Ghana) - for Academic Year 1970-71.
Z. Kan (Kenya)
G. Falade (Nigeria) - UNESCO Fellowship, 1970-71.
- Main Aim of Project - To explore the problems and possibilities of the integration of the humanities into secondary schools. The project also enables its Overseas Fellows to familiarise themselves with the techniques of curriculum development.
- Description - Multi-media materials have been prepared to support 6 broad themes and problems. These will all be tried out in team-teaching situations, across the first few years of secondary education. Three of the themes are intended for years one and two; Exploration Man, Living Together, and Communications. Three are aimed at years three and four; Development in Africa, Groups in Society, Man-Made Man. 33 local schools are co-operating in this experiment, and evaluation will involve assessment of materials; problems of school organisation; and questions of appropriate teaching-learning strategy.
- Date of Commencement - January, 1968.

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- Sources of Finance - (a) Schools Council;
(b) Local Education Authorities;
(c) Overseas Development Administration - Overseas Fellows.
- Method and Anticipated Date of Publication - Date unknown.
Curriculum Units for juniors will be published by Oxford University Press, probably in early 1972, together with explanatory handbook. Senior Units to be published later.
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13. Name of Institution - School of Education, University of Reading, Britain.
- Title of Project - USE OF PROGRAMMED LEARNING MATERIALS IN MALAWIAN SECONDARY SCHOOLS
- Name of Person - Clive J. Lawless.
- Main Aim of Project - To assess the effectiveness of the use of programmed learning materials and the variables which effect pupils' performances on such programmes.
- Date of Commencement - October, 1968.
- Expected Date of Completion - Not known.
- Source of Finance - Private.
- Method and Anticipated Date of Publication - Impossible to state at this stage.
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14. Name of Institution - School of Education, University of Southampton, Britain.
- Title of Project - SOME ASPECTS OF THE DEVELOPMENT OF SCHOOL BROADCASTS FOR SCHOOLS IN THE SOLOMON ISLANDS
- Name of Person and Designation - Graeme Kent, School Broadcasting Officer, Solomon Islands.
- Main Aim of Project - To discover what impression radio broadcasts for schools are having on pupils in the Solomon Islands.
- Description - A representative sample of 500 teachers, approximately 50% of the total, are being

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interviewed. The effects of broadcasts are being observed in the classrooms of some 200 schools. It is hoped to discover how many schools are using broadcasts and what teachers and children think of them.

Date of Commencement - October, 1970.

Expected Date of Completion - January, 1973.

Source of Finance - None.

Method and Anticipated Date of Publication - None anticipated.

Name of Institution - University of the West Indies, Institute of Education, Trinidad.

Title of Project - A WEST INDIAN SCIENCE CURRICULUM INNOVATION PROJECT (WISCIP)

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Name of Institution - Institute of Education and Research, University of the Punjab, New Campus, Lahore, Pakistan.

Title of Project - COMPREHENSIVE EDUCATIONAL RESEARCH PROJECT

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