

F - TEACHING AND LEARNING SITUATIONS

Learning strategies; teaching methods; teaching aids; extra-curricular activities.

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| 1. | Name of Institution | - Faculty of Education, Monash University, Victoria, Australia. |
| | Title of Project | - PROJECT SWNG (SCIENTIFIC WORDS - NEW GUINEA) |
| | Name of Person and Designation | - <u>Paul L. Gardner</u> , Lecturer in Education. |
| | Main aim of Project | - To determine the difficulties of non-technical words used frequently in teaching science to Grade 9 and 10 high school pupils in the Territory of Papua and New Guinea. |
| | Description | - Six hundred words regarded by a panel of T.P.N.G. science teachers as non-technical, frequently used, and essential or valuable in learning one or more topics of a science curriculum, have been identified. Fifteen tests, each containing 40 multiple choice items, have been constructed, tried out, revised, and administered in final form in April-May 1971 to a random sample of T.P.N.G. Grade 9 and 10 high school students. Each student responded to two different tests. Analysis of the data is currently proceeding. |
| | Date of Commencement | - 1968. |
| | Expected Date of Completion | - December, 1971. |
| | Source of Finance | - Department of Education, T.P.N.G.. |
| | Method and Anticipated Date of Publication | - A report of the project will be prepared and will be available in early 1972. |
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| 2. | Name of Institution | - University of Papua and New Guinea. |
| | Title of Project | - THE CONCEPTUAL AND COGNITIVE ASPECTS OF SCIENCE TEACHING AND LEARNING FOR STUDENTS FROM NON-WESTERN CULTURAL BACK- GROUND S |
| | Name of Person and Designation | - <u>Francis E. Dart</u> , Visiting Professor of Physics. |

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Description	<p>- To continue research into the cultural and conceptual factors that affect learning of science by pupils whose home environment is non-western and non-scientific in its basic viewpoint and content. An initial study, carried out in Nepal, indicates important differences between such pupils and those for whom most science courses and text books are designed, including significant differences in:</p> <ol style="list-style-type: none">(1) the types of explanations of natural phenomena that are accepted as real;(2) the criteria of validity that are accepted in judging the truth of propositions concerning natural phenomena;(3) the skills and practice of abstract representation of physical concepts;(4) the ability to generalize concepts. <p>This study will be carried further among school age and adult subjects in the Territory of Papua and New Guinea and in Western Australia, comparing urban and rural subjects and subjects from two or three different ethnic groups. It is intended that this work will lead to development of improved methods for teaching science to students from cultural groups whose intellectual environment differs from the western middle and upper class majority for whom present text books and curricula are prepared.</p>
Date of Commencement	- April, 1971.
Expected Date of Completion	- October, 1971.
Sources of Finance	- Australian American Education Foundation and University of Papua and New Guinea.
Publication	- To be arranged.
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3. Name of Institution	- University of Papua and New Guinea.
Title of Project	- THE DEVELOPMENT OF PRE-SCHOOL TEACHING AND LEARNING MATERIALS

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Name of Person and Designation	- <u>Mrs. D. Isoardi</u> , Graduate Assistant.
Main Aim of Project	- To develop and test materials for use by pre-school teachers-in-training with indigenous children.
Description	- Flannel-graph drawings are being designed for the use of the children, based on systematic observations of pre-school children's language use and how pre-school trainees work with these children. The drawings are to be accompanied by plywood silhouettes also for use by children, and then teachers in story telling activities. Other materials will be prepared as the project continues, for example, jigsaw puzzles. A handbook of activities will accompany the materials.
Date of Commencement	- June, 1970.
Expected Date of Completion	- March, 1971 (prototype), continuing project for the Department of Public Health.
Source of Finance	- Department of Public Health.
Method of Publication	- Department of Public Health, Konedobu.
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4. Name of Institution	- University of Papua and New Guinea.
Title of Project	- INTONATION AND STRESS PATTERNS OF ENGLISH AS A COMMUNICATION PROBLEM FOR STUDENTS USING ENGLISH AS A SECOND LANGUAGE MEDIUM OF INSTRUCTION
Name of Person and Designation	- <u>R.K. Johnson</u> , Lecturer in Education.
Main Aim of Project	- To establish test procedures for determining the ability of under-graduates and 1st Form and 4th Form secondary students, for whom English is a second language, to interpret the semantic clues of English stress and intonation patterns.
Description	- A pilot project is to be carried out locally to establish test procedures for determining the ability of under-graduates and 1st Form and 4th Form secondary students, for whom English is a second language, to interpret the semantic clues of English

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stress and intonation patterns; their responses being related to those of native speakers of English.

Date of Commencement - February, 1971.

Date of Completion - February, 1971.

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5. 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
- Name of Person and Designation - Mrs. Sally R. Milner, Graduate Assistant.
- Main Aim of Project - To design, create and test materials in Social Studies for the Waigani School.
- Description - The development and testing of a sequential series of materials in social studies which can be used in non-grade, multi-racial classrooms, to be based on themes and concepts introduced into early series and designed to re-occur in later series. An observation schedule has been designed to record the features of the use of materials by pupils.
- Date of Commencement - May, 1970.
- Expected Date of Completion - Standards V and VI, by February, 1972; a continuing project.
- Source of Finance - Educational Materials Centre.

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6. Name of Institution - University of Papua and New Guinea.
- Title of Project - A RECORD OF A WEEK IN THE ACADEMIC LIFE OF A PRELIMINARY YEAR STUDENT I, II, III AND IV
- Name of Person and Designation - Dr. G.A. Trevaskis, Senior Lecturer in Education.

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Main Aim of Project	- To record the main features of the academic work of students and groups selected for the study.
Description	- The classes, lectures and tutorials of the selected students and groups are observed and tapes made where appropriate. The main features studied are: content; student preparation; materials used by tutors and students; tutor-class interaction; assignments set. A four-part research project.
Date of Commencement	- September, 1970.
Date of Completion	- November, 1971 (Parts I and II completed).
Source of Finance	- Educational Materials Centre; Research Grant, University of Papua and New Guinea.
Method of Publication	- A report, to be submitted to the Preliminary Year Studies Committee.
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7. Name of Institution	- University of Papua and New Guinea.
Title of Project	- THE DEVELOPMENT OF INSTRUMENTS FOR USE DURING TEACHING PRACTICE
Name of Person and Designation	- <u>Dr. G.A. Trevaskis</u> , Senior Lecturer in Education.
Main Aim of Project	- To design a set of instruments to be used by university, teacher training college and school staffs and students-in-training during teaching practice.
Description	- Three forms have been designed, all interrelated: <u>Form A</u> - lesson preparation form; <u>Form B</u> - self- assessment form, and <u>Form C</u> - lesson profile form. Form C makes use of a category system which classifies student and teacher behaviour observed in specified time segments throughout a lesson. A training manual has been prepared, and accompanying training material and workbooks have been designed: Project in final stages of trials.
Date of Commencement	- December, 1969.

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Expected Date of Completion	- December, 1971.
Method of Publication	- Trial materials are available from the Educational Materials Centre, University of Papua and New Guinea, P.O. Box 1144, Boroko, Papua and New Guinea.
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8. Name of Institution	- University of Papua and New Guinea.
Title of Project	- SURVEY OF SCHOOL BROADCASTS
Name of Person and Designation	- <u>Dr. G.A. Trevaskis</u> , Senior Lecturer in Education.
Main Aim of Project	- To determine what school broadcasts were followed by primary teachers in 1970 and 1971.
Description	- A sample of 303 schools was selected, representing schools ranging from those with one teacher to those with six or more teachers. A questionnaire was prepared for distribution to schools in the sample.
Date of Commencement	- April, 1971.
Date of Completion	- August, 1971.
Source of Finance	- Department of Education, Konedobu; Educational materials Centre, University of Papua and New Guinea.
Method of Publication	- Report to Papua and New Guinea Advisory Committee on School Broadcasts.
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9. Name of Institution.	- University of Papua and New Guinea.
Title of Project	- UNIVERSITY EXTENSION LECTURE SERIES
Names of persons and Designations	- <u>Dr. G.A. Trevaskis</u> - Senior Lecturer in Education; <u>Mrs. M. Donohue</u> - Graduate Assistant.
Main Aim of Project	- To assess the role of the first of the extension lecture series offered by the University of Papua and New Guinea.
Description	- Analysis of questionnaires completed by the audience at each of the lectures, together

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		with a study of the topic of the lectures themselves.
Date of Commencement	-	March, 1971.
Date of Completion	-	May, 1971.
Source of Finance	-	Educational Materials Centre.
Method of Publication	-	Report to the Vice-Chancellor, University of Papua and New Guinea.
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10.	Name of Institution	- University of Papua and New Guinea.
	Title of Project	- SECONDARY SOCIAL SCIENCES PROJECT
	Names of Persons and Designations	- <u>Dr. G.A. Trevaskis</u> , Senior Lecturer in Education; <u>Mrs. M. Roe</u> , Supervisor, Educational Materials Centre; <u>Mrs. Sally R. Milner</u> , Graduate Assistant; <u>Miss N. Ridgeway</u> , Graduate Assistant; <u>Mr. Renagi Lohia</u> , Graduate Assistant; <u>Consultants</u> - University of Papua and New Guinea.
	Description	- To date, materials and teachers' guides have been prepared for the topics to be studied in the first year of the course of study. The topics for the second year are nearing completion.
	Date of Commencement	- February, 1969.
	Expected Date of Completion	- Continuous project till 1975.
	Source of Finance	- Department of Education, Konedobu, University of Papua and New Guinea.
	Method of Publication	- Department of Education, Konedobu, University of Papua and New Guinea.
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11.	Name of Institution	- University of Papua and New Guinea,
	Title of Project	- DESCRIBING MATERIALS USED IN TEACHING AND LEARNING
	Names of Persons and Designations	- <u>Dr. G.A. Trevaskis</u> , Senior Lecturer in Education; <u>Mrs. M. Roe</u> , Supervisor, Educational Materials Centre;

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	<u>P. Hayward</u> , Lecturer in Education and <u>Mathematics</u> (Mathematics); <u>J.M. Wilson</u> , Lecturer in Science Education; <u>Mr. D. Isoardi</u> , Graduate Assistant (English).
Main Aim of Project	- To develop instruments to describe teaching and learning materials in science, social science and mathematics.
Description	- The preparation of question guides for each subject area, to describe: books; films and film loops; slides and filmstrips; tapes and discs; school broadcasts; multi-media kits; overhead transparencies, charts, maps. An accompanying training manual has also been prepared.
Date of Commencement	- October, 1968.
Expected Dates of Completion	- Science, March, 1970. Social Science, October, 1970. English, August, 1971. Mathematics, October, 1971.
Source of Finance	- Educational Materials Centre.
Method of Publication	- Educational Materials Centre.
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12. Name of Institution	- University of Papua and New Guinea.
Title of Project	- EVALUATION OF THE T.P.P.S. PRIMARY SCIENCE PROGRAMME
Names of Persons and Designations	- <u>J.M. Wilson</u> , Lecturer in Science Education; <u>Mrs. A. Wilson</u> , Graduate Assistant; <u>Dr. G.A. Trevaskis</u> , Senior Lecturer in Education.
Main Aim of Project	- To evaluate the use of the teacher's hand-book and UNICEF science equipment associated with the T.P.P.S. programme.
Description	- Lesson observation schedules have been designed and are being used by headmasters in expansion schools to assess what happens in classrooms following Phase 1 of the T.P.P.S. programme. The first part of the project is concerned with Phase I.

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Date of Commencement	- July, 1970.
Expected Dates of Completion	- Phase I, July, 1971. Phase II, September, 1971. Phase III, December, 1971.
Source of Finance	- UNESCO.
Method of Publication	- A report to UNESCO on completion of the first part of the project.
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Name of Institution	- University of Papua and New Guinea.
Title of Project	- EXTENSIVE READING LIST FOR HIGH SCHOOLS - See I 1
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Name of Institution	- University of Papua and New Guinea.
Title of Project	- ASSESSMENT OF TEACHING AND LEARNING MATERIALS - See I 2
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13. Name of Institution	- Department of Education, University of Hong Kong.
Title of Project	- CLASSROOM INVESTIGATIONS INTO THE ADAPTATION OF ELEMENTARY HUMAN BIOLOGY TOPICS TO MODERN ENQUIRY TECHNIQUES
Name of Person	- <u>Brian S. Beckett.</u>
Main Aim of Project	- To see how far modern instructional procedures can be adapted to teaching elementary human biology to 10-11 year-old pupils where laboratory facilities are limited, and evaluation of results by means of standardised tests, intelligence and psychological tests.
Description	- Critical analysis of modern enquiry techniques and selection of those suitable for the project. Classroom investigations over a period of two years.
Date of Commencement	- December, 1969.

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Expected Date of Completion	- December, 1971.
Source of Finance	- Private sources.
Method and Anticipated Date of Publication	- Thesis. 1972.
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14. Name of Institution	- Department of Education, University of Hong Kong.
Title of Project	- TEACHING OF ECONOMICS AND PUBLIC AFFAIRS IN HONG KONG SCHOOLS
Name of Person	- <u>P.D. Reynolds.</u>
Description	- Work in this area is directed at improving the quality of teaching economics and public affairs (civics) in secondary and pre-university classes in Hong Kong schools. Investigation is being carried out into the relevant literature available in Hong Kong. An attempt is being made to give the teaching of the subject a conceptual rather than a factual approach. Ausubel's concept of "pre-organisers" is involved. Study of the subject to date has resulted in a series of 8 television presentations embodying these ideas, due to be screened in July, 1971. An accompanying booklet is due to be published beforehand. A book on the subject, mainly directed at teachers, written in conjunction with Mr. A.E. Sweeting, is due for publication before Christmas, 1971.
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15. Name of Institution	- Department of Education, University of Hong Kong.
Title of Project	- RESEARCH INTO THE TEACHING OF ENGLISH IN HONG KONG SCHOOLS
Name of Person	- <u>P.D. Reynolds.</u>
Description	- Apart from preliminary studies, work on this topic is not due to commence till the beginning of September, 1971. It should take the form of a listing of characteristic learning difficulties of Cantonese-speaking students in Hong Kong in the English language area. After the patterns of difficulty have been established, the

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project will attempt to analyse causes. It is suspected that one of the main causes is cultural. Suitability of reading material and class content may also prove significant.

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| 16. | Name of Institution | - Department of Education, University of Hong Kong. |
| | Title of Project | - THE IMPROVEMENT OF PHYSICS EDUCATION WITH PARTICULAR EMPHASIS ON THE USE OF SIMPLE EQUIPMENT AND THE DEVELOPMENT OF EXAMINATIONS THAT STIMULATE A PRACTICAL METHOD OF TEACHING THROUGH GUIDED DISCOVERY |
| | Name of Person | - <u>Dr. R.F. Simpson.</u> |
| | Description | - This project is a continuing one in which local materials are tested for simple physics experiments. Because of the low cost of the equipment, it is hoped that a more practical approach may become feasible for local teachers. If it proves possible to attract substantial funds from a philanthropic organisation, the mass production of science equipment for developing countries might prove possible in Hong Kong. Prototypes are being produced with this aim in view. |
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| 17. | Name of Institution | - Department of Education, University of Hong Kong. |
| | Title of Project | - ANALYTICAL AND COMPARATIVE STUDIES OF THE DEVELOPMENT OF HISTORICAL THINKING AMONGST CHINESE AND EUROPEAN SECONDARY SCHOOL PUPILS |
| | Name of Person | - <u>A.E. Sweeting.</u> |
| | Description | - An analysis of how pupils conceive of time and sequences, cause and effect etc. in various historical contexts, and a comparison of Chinese and European pupils in these respects - with special reference to courses, methods and problems in teaching history in the secondary schools of Hong Kong. |

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Date of Commencement - November, 1969.

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18. Name of Institution - Department of Education, University of Hong Kong.
- Title of Project - THE CONTINUOUS ASSESSMENT OF THE PRACTICAL SKILLS OF SIXTH FORMERS IN THE FIELD OF CHEMISTRY AND BIOLOGY
- Name of Person - A. Tam.
- Description - This research might well be restricted to chemistry in the first instance, though similar principles and approaches are also applicable to biology. The purpose of the research is to break with the traditional type of practical done by sixth formers, viz, qualitative analysis and volumetric analysis which, though easily examinable, cannot fulfil the aims of practical work at this level. Consequently, continuous assessment of the students by their teachers is thought to be preferable, as it will allow the teachers more scope to design practical work which will integrate with the theoretical work. Furthermore, the teachers' evaluations throughout the two years may turn out to be more reliable than a 3-hour practical examination. The university will set the standard for assessment and will act as moderator.
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19. Name of Institution - Department of Education, University of Hong Kong.
- Title of Project - PHONOLOGICAL, GRAMMATICAL AND LEXICAL ANALYSIS OF ENGLISH LANGUAGE DIFFICULTIES OF CANTONESE-SPEAKING STUDENTS
- Name of Person - Harriette Yapp.
- Description - A detailed analysis of the phonological, grammatical and lexical difficulties encountered by large numbers, of Chinese pupils whose native language is Cantonese, with special reference to the learning and teaching aspects.

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Date of Commencement - December, 1966.

20. Name of Institution - Department of Education, University of Hong Kong.
- Title of Project - RESEARCH IN THE TEACHING OF ENGLISH AS A FOREIGN LANGUAGE
- Name of Person and Designation - Harriette Yapp.
- Description - A statistical field-based study of problems typically encountered by Chinese children (and others) in learning and using English, with implications for teaching English as a foreign language.
- Date of Commencement - December, 1966.
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21. Name of Institution - Centre of Advanced Study in Education, Faculty of Education and Psychology, M. S. University of Baroda, India.
- Title of Project - CLASSROOM INTERACTION ANALYSIS AND TEACHER BEHAVIOUR
- Names of Persons and Designations - Dr. M. B. Buch, Head, Centre of Advanced Study in Education;
M. R. Santhanam, Senior Research Fellow, CASE;
Z. M. Qurashi, Senior Research Fellow, CASE;
Miss T. P. Lulla, Senior Research Fellow, CASE.
- Main Aim of Project - To study and analyse classroom verbal behaviour patterns, with reference to teachers' bio-factors, personality and attitude factors and pupil achievement.
- Description - The project has been divided into three segments viz.
(1) study of teacher verbal behaviour in relation to sex, age, experience, recency of training, marital status of the teacher and composition of the class.
(2) study of teacher verbal behaviour in relation to teacher's personality and attitudes towards various groups contacted in the school.
(3) study of teachers' verbal behaviour in relation to pupils' achievements.

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Date of Commencement	-	October, 1969.
Expected Date of Completion	-	October, 1971.
Source of Finance	-	Centre of Advanced Study in Education, Faculty of Education and Psychology, M. S. University, Baroda.
Method and Anticipated Date of Publication	-	To be published by the Centre of Advanced Study in Education, Faculty of Education and Psychology, M. S. University, Baroda.
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22.	Name of Institution	- The S.I.T.U. Council of Educational Research, Madras, India.
	Title of Project	- TEACHING AND LEARNING ENGLISH IN SCHOOLS
	Names of Persons and Designations	- S. Natarajan, Project Director ; <u>M. Duraiswamy</u> ,) Secretaries to the <u>G. Srinivasachari</u> ,) Committee.
	Main Aim of Project	- (a) To ascertain from parents, the general public, final-year students and teachers, the purpose for which the learning of English is sought. (b) To identify the areas of weakness in the teaching and learning of English and suggest remedial measures.
	Description	- A questionnaire has been issued to the parents and the public. Separate questionnaires have been issued to teachers and students of final-year courses. The report will be based on the evidence gathered. A symposium on the teaching and learning of English in schools in the prevailing conditions in the country is under consideration.
	Date of Commencement	- April, 1971.
	Expected Date of Completion	- April, 1972.
	Sources of Finance	- Resources of the S.I.T.U. and help from other agencies.
	Method of Publication	- Printed Report.
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23. Name of Institution - Faculty of Education, University of Nairobi, Nairobi, Kenya.
- Title of Project - AKAMBA TRADITIONAL EDUCATION AND ITS RELATIONSHIP WITH FORMAL PRIMARY SCHOOLING
- Name of Person and Designation - David N. Kimilu, Headmaster, Chogoria High School.
- Main Aim of Project - The research aims at finding out the most suitable system of education in Ukamba-land today - a system which offers a continuity of educational ideas throughout the entire educational process.
- Description - The research covers two areas of study, namely the Akamba traditional methods of education and Kenya's present formal primary education. Out of the findings in these two fields, each of which forms a chapter of the thesis, a synthetic system of education is suggested in chapter three of the thesis - which system offers the aforesaid continuity.
- Date of Commencement - September, 1969.
- Expected Date of Completion - June, 1971.
- Source of Finance - Personal.
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24. Name of Institution - Audio-Visual Aids Centre, National Institute of Education, Makerere University, Kampala, Uganda.
- Title of Project - A BASIC PRACTICAL COURSE FOR TEACHERS
- Name of Person and Designation - Charles A. Pratt, Co-ordinator.
- Main Aim of Project - To focus attention on the need for basic practical experience of audio-visual aids as an integral part of teacher training and to show that a course in the subject can be administratively and economically viable.
- Description - Prepared and submitted as a background paper and discussed at the 1971 Association for Teacher Education in Africa Conference at Kampala, 31.3.71.

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	<p>It suggests a basic practical course with five components:-</p> <ol style="list-style-type: none"> 1. Visual aids to teaching and learning. 2. Electrically operated audio-visual aids. 3. Simple workshop practice. 4. Typewriting, stencil production and duplicating. 5. Community work. <p>Details are given of requirements for accommodation, staffing and costs.</p> <p>Illustrated with eight half plate photographs reproduced by offset.</p> <p>Includes a report of student reaction to these proposals.</p>
Source of Finance	- The Nuffield Foundation, the Carnegie Corporation of New York and Institute funds.
Method and Date of Publication	- Published March, 1970. . Mimeographed text, offset illustrations.
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Name of Institution	- Department of Education, Makerere University, Kampala, Uganda.
Title of Project	- EDUCATION FOR RURAL DEVELOPMENT - See R 8
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Name of Institution	- Department of Education, Makerere University, Kampala, Uganda.
Title of Project	- THE DEVELOPMENT OF ART EDUCATION IN UGANDA - See H 13
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25. Name of Institution	- Department of Education, Makerere University, Kampala, Uganda.
Title of Project	- AN INVESTIGATION INTO 'ON THE JOB TRAINING' OF GRADUATE TEACHERS AS AN ALTERNATIVE TO TRADITIONAL TEACHER EDUCATION PRACTICES

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Name of Person and Designation	- <u>John Agard</u> , Lecturer, Department of Education.
Main Aim of Project	- To investigate the educational advantages and benefits of training graduate teachers for secondary schools while they are full-time members of the teaching staff in secondary schools.
Description	- Commencing with a 6-10 weeks theoretical course in pedagogy, intending graduate teachers will be given full time teaching posts in secondary schools. Their performances in the schools will be closely supervised and assessed and their pedagogical training will continue during school vacations over a period of two years before final assessments are made and teaching awards granted.
Date of Commencement	- April, 1971.
Expected Date of Completion	- July, 1974.
Source of Finance	- Being negotiated.
Method and Anticipated Date of Publication	- As a book. Undecided.

26. Name of Institution	- Department of Education, Makerere University, Kampala, Uganda.
Title of Project	- CURRICULUM DEVELOPMENT IN EDUCATIONAL THEORY FOR AFRICAN TEACHER EDUCATION
Name of Person and Designation	- <u>Daniel Barry</u> , Lecturer in Principles and Philosophy of Education.
Main Aim of Project	- To scrutinise existing educational theory with a view to eliminating or modifying what is now outdated or felt to be inaccurate.
Description	- It is hoped to indicate aspects of educational theory, commonly offered to teachers in training in Africa, which are nowadays questioned, or altogether rejected, in the light of recent research or contemporary thought.

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Date of Commencement - October, 1970.

Expected Date of Completion - Unknown.

Source of Finance - None.

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27. Name of Institution - Department of Education, Makerere University, Kampala, Uganda.
- Title of Project - CHEMISTRY METHODOLOGY FOR UGANDAN SCHOOLS
- Name of Person and Designation - J.M. Freeman, Lecturer.
- Main Aim of Project - To develop and evaluate methods and SSP curriculum in chemistry teaching in Uganda.
- Description - Development of chromatography for schools. Introduction of S.S.P. chemistry for Ugandan schools in conjunction with the Ministry of Education; Evaluation of attitudes to learning chemistry in Ugandan school pupils.
- Date of Commencement - 1969.
- Expected Date of Completion - 1974.
- Source of Finance - CREDO, Uganda Ministry of Education.
- Method and Anticipated Date of Publication - As a manual in 1974.
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28. Name of Institution - Department of Education, Makerere University, Kampala, Uganda.
- Title of Project - METHODS OF TEACHING ART IN UGANDA
- Name of Person and Designation - T.M. Mazinga, Lecturer.
- Main Aim of Project - To describe methods which have been found efficient in teaching art in Uganda.

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Description	- Preparation of a manual.
Date of Commencement	- July, 1970.
Expected Date of Completion	- July, 1972.
Source of Finance	- Makerere.
Method and Anticipated Date of Publication	- As a book, 1972.
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29. Name of Institution	- Department of Language Methods, Makerere University, Kampala, Uganda.
Title of Project	- THE 'BLOCK' AS A GROUP METHOD IN TEACHING ENGLISH IN AN UGANDAN SECONDARY SCHOOL
Name of Person and Designation	- <u>W.D'Souza</u> , Lecturer and Acting Head of Department of Language Methods, Makerere University Kampala.
Description	- This study considers the effectiveness of teaching English through a group method known as the 'Block' in a secondary school. This method involves taking a 'Block' of three periods and teaching 200 pupils split into 36 groups in the one session. The basic method used (as outlined in a worksheet) gives ample opportunities for individual and group activities. The topics covered in the study include the rationale of the 'Block', how it works, its value in terms of work produced at the creative level and its effectiveness in providing general training for life through group work.
Date of Completion	- July, 1971.
Source of Finance	- Private.
Method of Publication	- Main Library, Makerere University, Kampala.
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30. Name of Institution	- Department of Language Methods, Makerere University, Kampala, Uganda.
Title of Project	- ENGLISH LANGUAGE IN TEXT BOOKS.

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Name of Person and Designation	- <u>Mrs. S.M. Durojaiye</u> , Lecturer.
Main Aim of Project	- To determine the level of English in text books and to recommend some remedies.
Description	- A comparison of language level in course books other than English in S1 and S2 with suggested progression in English. A consideration of language learning courses in use in those classes.
Date of Commencement	- January, 1971.
Expected Date of Completion	- December, 1971.
Source of Finance	- Makerere Research Grant.
Method and Anticipated Date of Publication	- As a monograph in 1972.
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31. Name of Institution	- Department of Language Methods, Makerere University, Kampala, Uganda.
Title of Project	- ENGLISH LANGUAGE LEARNING AMONGST SECONDARY SCHOOL PUPILS IN UGANDA
Name of Person and Designation	- <u>Mrs. S.M. Durojaiye</u> , Lecturer.
Main Aim of Project	- To investigate the problems in the above.
Description	- Investigation into the problems of language learning in Ugandan school children. Preparation of teaching devices to make learning easy.
Date of Commencement	- July, 1971.
Expected Date of Completion	- December, 1972.
Source of Finance	- Personal.
Method and Anticipated Date of Publication	- As a monograph in 1972.
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32. Name of Institution - Department of Language Methods,
Makerere University, Kampala, Uganda.
- Title of Project - ADULTS' PROBLEMS IN LEARNING
SPOKEN ENGLISH
- Name of Person and Designation - Mrs. R. Nsibambi, Lecturer.
- Main Aim of Project - To investigate the problems in the above.
- Description - Investigation into problems faced by
Ugandan adults in learning spoken
English. Advice on methods of solving
these problems.
- Date of Commencement - January, 1971.
- Expected Date of Completion - July, 1972.
- Source of Finance - Makerere Grant.
- Method and Anticipated Date of Publication - As a monograph in 1972.

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

Title of Project - A BASIC VISUAL AIDS COURSE
- See I 6

Name of Institution - Science Education Centre, School of
Education, University of Zambia.

Title of Project - PRIMARY SCIENCE CURRICULUM
STUDY
- See H 14

Name of Institution - Department of History, Chancellor College,
University of Malawi.

Title of Project - THE CONTRIBUTION OF THE UNIVERSI-
TIES MISSION TO CENTRAL AFRICA
(U.M.C.A.) IN THE FIELD OF MALAWIAN
EDUCATION
- See B 7

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33. Name of Institution - Soche Hill College, University of Malawi, Limbe, Malawi.
- Title of Project - AN INVESTIGATION INTO THE USE OF PROGRAMMED LEARNING MATERIALS IN MALAWIAN SECONDARY SCHOOLS
- Name of Person and Designation - C.J. Lawless, Senior Lecturer in Education.
- Main Aim of Project - To investigate the effectiveness of programmes relative to different categories of learning and methods of programme presentation.
- Description - Two main experiments have been carried out:-
(1) Using programmes in biology, multiple choice responding and constructed responding are being compared and related to categories of learning: verbal association, generalisation, discrimination and chaining.
(2) Using programmes in history, individual and paired use of programmes are being compared.
- General - a wide range of pupil variables are being investigated for a connection with learning from programmes.
- Date of Commencement - 1968.
- Expected Date of Completion - 1972.
- Source of Finance - University of Malawi Research Committee.
- Method of Publication - Articles will be submitted to learned periodicals.
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34. Name of Institution - University of Lagos College of Education, Lagos, Nigeria.
- Title of Project - THE MOTHER TONGUE AS A MEANS OF PROMOTING EQUALITY OF ACCESS TO EDUCATION IN NIGERIA
- Name of Person and Designation - C.O. Taiwo, Professor of Education.

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Main Aim of Project	- The use and learning of the mother tongue in Nigerian schools with a view to the promotion of equality of access to education and the development of local culture and understanding.
Date of Commencement	- August, 1971.
Expected Date of Completion	- December, 1971.
Source of Finance	- UNESCO.
Method and Anticipated Date of Publication	- December, 1971.
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Name of Institution	- Institute of Education, University of Ibadan, Nigeria.
Title of Project	- ENVIRONMENTAL STUDIES PROJECT - See R 12
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Name of Institution	- Faculty of Education, University of Ife, Nigeria.
Title of Project	- A STUDY OF SCIENTIFIC CONCEPTS IN SELECTED NON-LITERATE ADULTS OF THE WESTERN STATE OF NIGERIA. - See M 7
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Name of Institution	- Institute of Education, University of Ife, Nigeria.
Title of Project	- THE SIX YEAR PRIMARY PROJECT - See H 18
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35. Name of Institution	- The Ghana Association of Science Teachers (GAST), Accra, Ghana.
Title of Project	- PROJECT FOR SCIENCE INTEGRATION (PSI)
Names of Persons and Designations	- <u>S.M. Adu-Ampoma</u> , Project Director; <u>Dr. Robert E. Pearson</u> , Secretary to Curriculum Development Committee of G.A.S.T.;

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David Bates, Chairman, Editorial Board
Convenor;
Miss Margaret Tawia, Convenor, Teacher
Training Group;
K.A. Awuku) Co-Chairmen, Curriculum
S. Bortei-Doku) Development Committee.

- Main Aims of Project - (i) To help present science in an integrated manner and bring home to students the unity of science and of knowledge.
- (ii) To make science education relevant to Ghana's needs and make it more meaningful to Ghanaian children.
- (iii) To bring some vertical integration into the science education done in elementary schools, teacher training colleges and secondary schools, so as to make the transition from one to the next easier and meaningful.
- Description - A fortnight's workshop was called after many preliminary discussions.
- The workshop, which was held in April, 1970, arose from a desire by members of the Ghana Association of Science Teachers to reconsider many aspects of the teaching of science at all levels of pre-university education, and to attempt to bring consistency and continuity to science education at these various levels.
- In the report, following background information in the first three sections, separate sections are given to the reports of the primary, training college, and secondary school groups, and finally to the general plan for implementation. Operations have commenced on the basis of the plan recommended in the report.
- Date of Commencement - September, 1970.
- Expected Date of Completion - June, 1975/June, 1976.
- Sources of Finance - Unesco;
Ministry of Education, Ghana;
CEDO/British Council;
Science Education Programme for Africa (SEPA), formerly African Primary Science Programme (APSP).

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- Method and Anticipated Dates of Publication - First drafts for trials about September, 1972.
First Publications September, 1973
1974
1975.
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36. Name of Institution - Department of Geography & Environmental Studies, Njala University College, Sierra Leone.
- Title of Project - INVESTIGATION INTO THE PRESENT STATE OF GEOGRAPHY TEACHING IN PROVINCIAL SECONDARY SCHOOLS IN SIERRA LEONE
- Name of Person and Designation - Miss S.F. Taylor, Assistant Lecturer.
- Main Aims of Project - 1) To assess the present state of facilities for teaching geography in secondary schools of Sierra Leone.
2) To assist the department in offering an advisory service to the schools.
- Date of Commencement - January, 1971.
- Expected Date of Completion - June, 1971.
- Sources of Finance - Departmental funds and private.
- Method of Publication - Departmental bulletin and other Sierra Leonean education journals.
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37. Name of Institution - Department of Psychology, University of Bristol.
- Title of Project - LINGUISTIC AND EDUCATIONAL PERFORMANCE OF TANZANIAN STUDENTS
- Name of Person - R. Anderson.
- Main Aim of Project - To isolate specific linguistic problems so that courses can be designed to overcome these difficulties.
- Expected date of Completion - 1971.

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	Source of Finance	- Nuffield Foundation.
38.	Name of Institution	- Department of Psychology, University of Bristol.
	Title of Project	- DEVELOPMENT OF NATIONAL ATTITUDES IN INDIAN CHILDREN
	Name of Person	- <u>E.S.K. Ghosh.</u>
	Description	- Approximately 270 children were studied in Uttar Pradesh and Tamil Nadu.
	Expected Date of Completion	- 1971.
	Source of Finance	- Nuffield Foundation.
39.	Name of Institution	- Department of Psychology, University of Bristol.
	Title of Project	- COGNITIVE DEVELOPMENT IN CHILDREN FROM SELECTED ETHNIC, EDUCATIONAL AND LANGUAGE BACKGROUNDS IN MALAYSIA
	Name of Person	- <u>M.S. Harrold.</u>
	Main Aim of Project	- Environmental influences on the transition from pre-operational to operational thinking.
	Expected date of Completion	- 1971.
	Source of Finance	- Nuffield Foundation.
	Name of Institution	- Institute of Education, University of the West Indies, Trinidad.
	Title of Project	- A WEST INDIAN SCIENCE CURRICULUM INNOVATION PROJECT (WISCIP) - See H 21

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Name of Institution - Ontario Institute for Studies in Education,
Toronto, Canada.

Title of Project - THE LEARNING PROJECTS OF ACCRA
ADULTS
- See M 9

Name of Institution - Department of Adult Education, Ontario
Institute for Studies in Education, Canada.

Title of Project - INTERNATIONAL CERTIFICATE IN
ADULT EDUCATION: A FEASIBILITY
STUDY
- See M 10

Name of Institution - Department of Language, University of
York, Britain.

Title of Project - THE WRITTEN ENGLISH OF GHANAIAN
PRIMARY CLASS SIX CHILDREN IN
RELATION TO THEIR EXPOSURE TO
ENGLISH AS A MEDIUM OF SPOKEN
INSTRUCTION
See H 23
