

J. SELECTION AND PERFORMANCE OF STUDENTS

Access to education; selection procedures;
choice and preference of subjects; performance;
behaviour; wastage; operational factors (school
environment, residence, staff-student relations);
methods of assessment.

	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
		- See F 2

1.	Name of Institution	- Department of Education, University of Hong Kong.
	Title of Project	- SECONDARY SCHOOL DROP-OUTS
	Names of Persons	- <u>Dr. Norman K. Henderson;</u> <u>Y.W. Fung.</u>
	Description	- A field survey to find out the numbers and types of pupils who drop out of secondary school in Hong Kong, and a follow-up to assess the reasons for dropping-out, and what may be done to alleviate the situation.
	Date of Commencement	- October, 1968.
	Expected Date of Completion	- 1971.
	Source of Finance	- Department of Education, University of Hong Kong.

2.	Name of Institution	- The S.I.T.U. Council of Educational Research, Madras, India.
	Title of Project	- PUPILS' ACHIEVEMENT PROJECT
	Names of Persons and Designations	- <u>V.Arunajatai</u> and <u>Dr. R. Srinivasa Rao</u>) Investigators .

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Main Aims of Project	<ul style="list-style-type: none">(a) To provide as clear a comparison as possible between students who took different types of secondary school preparation, in respect of examination results, university performance and, if possible, job success.(b) To find if there is any correlation between the work experience provided by the diversified courses and the language abilities of the pupils concerned and the general effect of the academic and diversified courses on pupils of different abilities.
Description	<ul style="list-style-type: none">Twenty secondary schools (10 in the city of Madras and 10 from two District Centres) were chosen at random for study. The information gathered from these schools related to the school marks in IX, X and XI standard and in the S.S.L.C. Public Examination of two groups of students, one opting for diversified courses (engineering/ secretarial practice) in the X standard and the other taking the academic courses in the years 1964-67 and 1965-68. (Marks secured by the students of the specified course at the first year of polytechnic, including marks in the language subject, were also studied).
Date of Commencement	<ul style="list-style-type: none">December, 1969.
Expected Date of Completion	<ul style="list-style-type: none">July, 1970.
Source of Finance	<ul style="list-style-type: none">Ad hoc grant from Ford Foundation.
Method and Anticipated Date of Publication	<ul style="list-style-type: none">Printed report.

3.	Name of Institution	<ul style="list-style-type: none">Department of Postgraduate Studies and Research in Education, University of Mysore, India.
	Title of Project	<ul style="list-style-type: none">AN EXPERIMENTAL STUDY OF THE PROBLEM OF MORAL INSTRUCTION IN UPPER PRIMARY SCHOOLS
	Name of Person and Designation	<ul style="list-style-type: none">A.S. Seetharamu, Lecturer in Education, formerly Research Fellow at Mysore University.

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Guide: Dr. R.P. Singh, Professor and
Head of Department of Education.

Main Aim of Project	- To find out the nature and extent of effectiveness of moral instruction at the upper-primary school level.
Description	- Two groups of 40 boys and 40 girls matched for age, sex, intelligence, socio-economic status and moral development with two other groups of 40 boys and 40 girls were given moral instruction for a period of 12 weeks, while controlling other factors which might have influenced moral development. After moral instruction, all the groups were tested for moral development. The difference in performance of the groups which received moral instruction is an index of the effectiveness of moral instruction.
Date of Commencement	- 24 August, 1967.
Expected Date of Completion	- June, 1971.
Source of Finance	- University of Mysore financed the project for 2 years and 9 months by giving a fellowship to the research worker.
Method and Anticipated Date of Publication	- It is hoped that the results will have been published by the end of 1971.

4. Name of Institution	- Department of Post-Graduate Studies and Research in Education, University of Mysore, India.
Title of Project	- AN ENQUIRY INTO THE CAUSES FOR THE SUPERIORITY OF X STANDARD RESULTS IN PUBLIC EXAMINATIONS IN THE SOUTH KANARA TO THE RESULTS IN OTHER AREAS OF MYSORE STATE
Name of Person and Designation	- <u>B.G. Barki</u> , Research Fellow in Education. Guide: <u>Dr. R.P. Singh</u> , Professor and Head of the Department of Education.
Main Aim of Project	- 1. To find out the causes for the superiority of X standard results in public examinations in South Kanara.

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2. To find out the causes for the inferiority of results in the other districts of Mysore State.
3. To suggest means for improving the results in these districts.

Description - The state of Mysore was re-organised in 1956. The Mysore Secondary Education Examination Board has been conducting the secondary school final examination in the State since 1963. Ever since then, South Kanara, a coastal district in Mysore has been consistently showing a very high percentage of results ranging between 70.8% to 88.0% whereas the other 19 districts of the State have been showing very poor results. This situation is being investigated in the present project.

Tests of intelligence, aptitude and motivation have been administered to students of X standard in the districts under study, and an inventory made of their study habits. Questionnaires have also been administered to teachers, heads of the institutions, the parents of the X Std. students, and education officers.

Date of Commencement - September, 1969.

Expected Date of Completion - September, 1972.

Source of Finance - U.G.C. Fellowship.

Method and Anticipated Date of Publication - 1972.

Name of Institution - Department of Post-Graduate Studies and Research in Education, University of Mysore, India.

Title of Project - AN ENQUIRY INTO THE EMOTIONAL DEVELOPMENT OF CHILDREN IN THE AGE RANGE OF 5 TO 7 YEARS

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Name of Institution	- Child Development Research Unit, University of Nairobi, Kenya.
Title of Project	- CHILD-REARING PRACTICES OF MOTHERS OF HIGH-ACHIEVING CHILDREN IN VARIOUS KENYAN COMMUNITIES See E 6
Name of Institution	- Child Development Research Unit, University of Nairobi, Kenya.
Title of Project	- THE INFLUENCE OF CHILDREN'S ENVIRONMENTS ON THEIR ABILITIES TO PAY ATTENTION IN SCHOOL See E 3
Name of Institution	- Department of Educational Psychology, Makerere University, Kampala, Uganda.
Title of Project	- THE MATHEMATICAL ABILITY OF EAST AFRICAN STUDENTS See C 7
Name of Institution	- Department of Educational Psychology, Makerere University, Kampala, Uganda.
Title of Project	- THE COGNITION OF BEHAVIOURAL UNITS (FACES) IN EAST AFRICAN STUDENTS See C 6
5. Name of Institution	- Department of Educational Psychology, Makerere University, Kampala, Uganda.
Title of Project	- THE CONCEPT OF INTELLIGENCE IN EAST AFRICA
Name of Person and Designation	- <u>Hamed El-Abd</u> , Professor of Educational Psychology, Head of Department.
Description	- An investigation of the East African interpretation of cleverness using one group of university students to construct categories of intelligence and another group to validate them. The predominant

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components of cleverness were found to be wisdom and problem-solving ability. The implication of the completed study is that general Western concepts, such as intelligence, are not irrelevant to East African cultures, but cannot be measured by Western instruments without appropriate modifications.

Date of Commencement	- 1967.
Date of Completion	- June, 1970.
Source of Finance	- Department of Educational Psychology and Institute of Education, Makerere University.
Method and Anticipated Date of Publication	- In journals and departmental monographs.
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Name of Institution	- Department of Educational Psychology, Makerere University, Kampala, Uganda.
Title of Project	- THREE STUDIES IN SCHOOL DISCIPLINE See E 12
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Name of Institution	- Department of Educational Psychology, Makerere University, Kampala, Uganda.
Title of Project	- THE APPLICATION OF OBJECTIVE TESTS FOR ASSESSING ACADEMIC ACHIEVEMENT IN SCIENCE See C 10
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Name of Institution	- Department of Educational Psychology, Makerere University, Kampala, Uganda.
Title of Project	- THE SEVEN DASHES TEST See C 5
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6. Name of Institution	- Department of Educational Psychology, Makerere University, Kampala, Uganda.
Title of Project	- AN INVESTIGATION OF ELEVEN

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MENTAL ABILITIES IN UGANDAN CHILDREN

Name of Person and Designation	- <u>Twaha Nsereko-Gyagenda</u> , Academic Secretary, Faculty of Education, Makerere University.
Description	- This study is concerned with the investigation of the existence of eleven factors of mental ability in relation to Guildford's structure-of-intellect model (SOI) in four samples of Ugandan school children. The factors investigated are five cognition factors: speed of closure (CFU), verbal comprehension (CMU), spatial orientation (CFS), general reasoning, (CMS), and visualisation (CFT); two memory factors: rote memory (MSR) and number facility (MSI); one divergent production factor: word fluency (DSU); one convergent production factor: flexibility of closure (MFT); and two evaluation factors: perceptual speed (EFU) and perceptual speed (ESU). All eleven hypothesized factors were confirmed in the African samples with the exception of one factor that failed to appear in one sample. The findings support El-Abd's (1966) assumption "That the structure of intellect is independent of race or religion but dependent on education and experience."
Date of Completion	- April, 1971.
Sources of Finance	- Research and Publications Grants Committee and Institute of Education, Makerere University.
Method and Anticipated Date of Publication	- Main Library, Makerere University, Kampala.
Name of Institution	- Department of Educational Psychology, Makerere University, Kampala, Uganda.
Title of Project	- A STUDY OF DISCIPLINARY ATTITUDES OF BOARDING AND DAY STUDENTS IN SOME UGANDAN SECONDARY SCHOOLS
	See E 8

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Name of Institution	- University of Malawi, Soche Hill College.
Title of Project	- THE PREDICTION OF TECHNICAL APTITUDE See C 11
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7. Name of Institution	- University of Lagos College of Education, Lagos, Nigeria.
Title of Project	- PRIMARY SCHOOL DROP-OUTS IN LAGOS: INCIDENCE, CAUSATION AND SUGGESTIONS FOR PREVENTION
Name of Person and Designation	- <u>Dr. E. Ola Obe</u> , Lecturer in Education.
Main Aim of Project	- To investigate the incidence; causes; contributions to economic, educational and social problems of primary school drop-outs; and to make suggestions for diminishing the number of drop-outs in Lagos State, Nigeria.
Description	- Two major sources of data for this project are: published digests of educational statistics and returns of questionnaires distributed to a sample of primary school headmasters, teachers and other educational personnel within Lagos State. In addition, statistics relating to primary school-age children identified as juvenile delinquents, or social and behavioural deviates, will be obtained, where possible.
Date of Commencement	- January, 1971.
Expected Date of Completion	- August, 1971.
Method and Anticipated Date of Publication	- Soon after completion.
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8. Name of Institution	- Department and Institute of Education, University of Ibadan, Nigeria.
Title of Project	- PSYCHOLOGICAL CORRELATES OF ACADEMIC SUCCESS AND FAILURE AMONG WESTERN NIGERIAN GRAMMAR SCHOOL PUPILS

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Name of Person and Designation	- <u>Dr. C.G.M. Bakare</u> , Lecturer in Educational Psychology.
Main Aim of Project	- To identify some personality correlates of high and low scholarship among Western Nigerian grammar school pupils.
Description	- Tests of general and test anxiety, self concept, study habits, personal problems and sociometric status are administered to successful and failing students. Scores are compared across ages, sexes, and urban-rural residence.
Date of Commencement	- December, 1969.
Expected Date of Completion	- December, 1971.
Source of Finance	- Senate Research Fund.
Method and Anticipated Date of Publication	- As a monograph in early 1972.
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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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9. Name of Institution	- Test Development and Research Office, West African Examinations Council, Lagos, Nigeria.
Title of Project	- ENGLISH ABILITY AND OBJECTIVE TEST PERFORMANCE IN NIGERIA
Name of Person and Designation	- <u>Dr. A.I. Fiks</u> , Acting Head, Research Department.
Main Aim of Project	- To determine whether and, if so, to what extent proficiency in English acts as a confounding factor on objective test performance in the last year of primary school.
Description	- Comparison of scores of primary pupils on the general paper of the 1970 Nigerian first school leaving certificate examination when the test is presented in English and

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	when it is translated into the first language of the pupils (i.e. Yoruba, Hausa, Ibo).
Date of Commencement	- 1971.
Expected Date of Completion	- 1971.
Source of Finance	- U.S. Agency for International Development.
Method and Anticipated Date of Publication	- Research report, 1971.
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10. Name of Institution	- Test Development and Research Office, West African Examinations Council, Lagos, Nigeria.
Title of Project	- ROBUSTNESS OF COMMON ENTRANCE EXAMINATIONS (CEE) IN NIGERIA
Names of Persons and Designations	- <u>Dr. A.I. Fiks</u> , Acting Head, Research Department; <u>A.O. Oloyede</u> , Research Fellow.
Main Aim of Project	- Determine whether participation in a pre-trial test, one week before the live CEE, results in any advantage for candidates.
Description	- Comparison of CEE scores of 71 pupils from three schools which had participated in pre-trial testing with 40 pupils from 3 comparable schools which had not participated in the trials.
Date of Commencement	- 1970.
Expected Date of Completion	- 1971.
Sources of Finance	- US Agency for International Development and Ford Foundation.
Method and Anticipated Date of Publication	- Research note, 1971.
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| 11. | Name of Institution | - | Test Development and Research Office of the West African Examinations Council, Lagos, Nigeria. |
| | Title of Project | - | THE RELATIONSHIP BETWEEN SELECTIVE ENTRANCE EXAMINATION SCORES AND SECONDARY SCHOOL ACADEMIC PERFORMANCE IN SIERRA LEONE |
| | Name of Person and Designation | - | <u>Dr. S.S.A. Akeju</u> , Principal Research Officer. |
| | Aim of Project | - | To examine the potential value of current procedures for selecting students for admission into Sierra Leonean secondary schools. |
| | Description | - | Candidates' scores in the 1970 selection entrance examination to selected Sierra Leonean schools were correlated with their scores in specially made examinations, consisting of tests in English, mathematics, social studies and general science. The criterion tests were similar in pattern to the school certificate examination which the students would take at the end of their school careers. The grading of the criterion test papers also followed the same pattern as for the school certificate examination. |
| | Date of Commencement | - | April, 1970. |
| | Expected Date of Completion | - | August, 1971. |
| | Source of Finance | - | WAEC. |
| | Method and Anticipated Date of Publication | - | Sierra Leone Journal of Education, and TEDRO reports. |
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| 12. | Name of Institution | - | Test Development and Research Office of the West African Examinations Council, Lagos, Nigeria. |
| | Title of Project | - | RELATIVE PERFORMANCE OF URBAN VERSUS RURAL SCHOOL CANDIDATES IN SELECTIVE ENTRANCE EXAMINATION |
| | Name of Person and Designation | - | <u>Dr. S.S.A. Akeju</u> , Principal Research Officer. |

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Main Aim of Project	- To investigate the allegation that urban school pupils perform better than rural school pupils in the common and selective entrance examinations in West Africa and to identify the causes of the differences (if any).
Description	- In recent times, many people, including school principals, have criticized the Common and Selective Entrance Examination papers for an alleged cultural bias. That is, according to them, urban school pupils tend to do better than rural school pupils. Selective entrance scores from selected urban primary schools in Nigeria, Ghana, Sierra Leone and the Gambia will be compared with scores from selected rural schools. Evidence concerning the relative performances of urban and rural pupils will be sought from the data and from the secondary schools into which they were admitted. Efforts will also be made to identify the causes of the differences (if any) in performance levels.
Date of Commencement	- July, 1971.
Expected Date of Completion	- June, 1972.
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13. Name of Institution	- Njala University College, Universtiy of Sierra Leone.
Title of Project	- THE HARRIS-GOODENOUGH DRAW-A-MAN TEST IN ANOTHER CULTURAL SETTING
Names of Persons and Designations	- <u>Dr. R Ogbonna Ohuche</u> , Senior Lecturer; <u>Mrs. Nancy Ohuche</u> , Teacher, International School.
Main Aim of Project	- To investigate the usefulness of the Harris-Goodenough Draw-A-Man Test as a measure of intellectual maturity among Sierra Leonean children.
Description	- Children in all classes of the Primary School have been given the test under conditions which will allow for determination of reliability and validity co-efficients. Comparisons will be made with standardised groups in the United States.

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Date of Commencement	-	October, 1968.
Expected Date of Completion	-	June, 1971.
Source of Finance	-	Researchers.
Method and Anticipated Date of Publication	-	Journal article by December, 1971.

Name of Institution	-	School of Education, University of Reading, Britain.
Title of Project	-	A COMPARATIVE STUDY OF EDUCATIONAL DEVELOPMENT IN THAILAND, MALAYA AND SINGAPORE.

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14. Name of Institution	-	Education Department, University College, Cardiff, Britain.
Title of Project	-	AN INVESTIGATION INTO THE MATHEMATICAL ABILITY OF TRAINING COLLEGE STUDENTS IN GHANA
Name of Person and Designation	-	<u>Glyn Johns</u> - Lecturer in Mathematics, College of Education, Barry, South Wales.
Main Aim of Project	-	To determine the level of mathematical achievement in an educational institution.
Description	-	A mathematical ability test, an attitude test, and a questionnaire were given to over twelve hundred students in training colleges in Ghana. The test was designed to measure the students' knowledge and understanding of primary mathematics concepts, and the score on this test was used as a determinant of mathematical ability.

The total scores on the mathematical ability test were related to the students' backgrounds, previous educations, parental educations, and attitudes to mathematics. Comparisons were made between groups of students and levels of achievement were set up. These levels of achievement were compared with the performance of students at the Barry College of Education.

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Date of Commencement	-	October, 1969.
Date of Completion	-	July, 1971.
Source of Finance	-	The researcher was seconded to the Curriculum Research Unit, Accra for a period of 18 months. During this period he was employed by the Ministry of Overseas Development.
Anticipated Date of Publication	-	September, 1971.

15. Name of Institution	-	Institute of Education, University of the West Indies, Trinidad.
Title of Project	-	A WEST INDIAN SCIENCE CURRICULUM INNOVATION PROJECT (WISCIP)
Names of Persons and Designations	-	<p><u>Dr. E.A. Furlonge</u>, Ag. Resident Representative;</p> <p><u>H. Thompson</u>, Science Supervisor, Ministry of Education and Culture, Trinidad and Tobago; attached to the Institute of Education, U.W.I., St. Augustine, Trinidad;</p> <p><u>Dr. Iolo Wyn Williams</u>,) Education Department,) University College of) Swansea, Swansea, U.K.;) Consultants</p> <p><u>Dr. Bryan Powell</u>,) Education Department,) Trinity College, Dublin,) Ireland.)</p>
Description	-	As part of the WISCIP programme, a study will be undertaken of the predictive validity of pupils' performances in the WISCIP course (Years 1-3) on later performances in GCE O Level, and the feasibility of using such cumulative records for selection at the end of junior secondary school.
Date of Commencement	-	1969.
Expected Date of Completion	-	1973.

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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

See A 15

Name of Institution - Institute of Education, University of Sind,
Hyderabad, Pakistan.

Title of Project - THE CONSTRUCTION OF TESTS FOR
SECONDARY SCHOOL PUPILS

See C 25
