

P. TECHNICAL EDUCATION

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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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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 BACKGROUNDS

See F 2

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

Title of Project - AUDIO-VISUAL AIDS TECHNICAL  
SERVICES

Name of Person and Designation - Charles A. Pratt - Co-ordinator.

Description - (a) "Lets Make it Work." December, 1969.  
A report designed to focus attention on  
the high rate of unservicability of equipment  
in developing countries, and the need for  
planning and action to reduce the incidence  
of breakdown.

Recommendations are made to this end,  
including the training of technicians to  
provide the skilled manpower to meet  
forseeable needs.

Reprinted under the title "Audio-Visual  
Technical Services: Some Problems and  
Suggested Solutions," OVAC Journal,  
October, 1970.

(b) "1971 Assistant Audio-Visual Aids  
Technicians Prospectus".  
Details of the second nine month, full-time  
course for training A - V technicians for  
the certificate of the East African  
Examination Council. While not in one  
sense 'research', it does contain a good deal  
of original work based on a 1970 pilot  
course, and is the only course of its kind  
in English-speaking Africa.

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(c) "The Assessment of Audio-Visual Aids Technicians".

A report on the 1970 pilot course for technicians at Kampala with detailed analysis of phased assessment of practical work and final written papers in related science and A-V technology.

The aim of the report is two-fold, to record our initial experience of running the first course of its kind in English-speaking Africa, for the benefit of those setting up similar courses, and, noting that we cannot afford to have 'failures' in a developing country, to foster the idea of 'phased assessment' and to show that it can be used as a 'tool for teaching' as well as of assessment.

All three publications are produced as part of the normal output of the Centre.

Sources of Finance - The Nuffield Foundation, The Carnegie Corporation of New York and Institute funds.

Method of Publication - All reports duplicated and available.

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2. Name of Institution - School of Education, University of Zambia.
- Title of Project - ADAPTATION TO TECHNICAL MODERNISATION IN ZAMBIA
- Name of Person and Designation - Dr. Ansu K. Datta - UNESCO expert in Educational Sociology.
- Main Aim of Project - To find out the extent to which young skilled workers in Zambia are adjusted to the demands of modern factory work, to study the nature of such technological modernisation, and to identify the background factors (including technical training) responsible for successful adaptation.
- Description - The project included several levels of enquiry. First, the literature on the subject was surveyed for background information and clues to fruitful lines of enquiry. This was followed by an attempt to consider the issues from the angle of planners and administrators of technical training. Thereafter, a sample of five

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work-plants in and around Lusaka were selected. In each of these places, information about adaptation to modern technical work was collected from a sample of workers, below and above the average level. The whole investigation was completed by visiting the rural communities from which some of these workers came, and by obtaining more detailed facts on their early environments and experiences, changes in the patterns of infant care, structures of communities, equipment in homes, and educational and occupational differences by generation.

Date of Commencement - March, 1970.

Expected Date of Completion - Late 1971.

Source of Finance - UNICEF.

Method and Anticipated Date of Publication - The UNRISD is at present preparing a comprehensive general report on Mexico, Tunisia, India, Iran, the Philippines and Zambia. The Zambian study is being revised for publication as a separate monograph, probably in 1972.

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Name of Institution - University of London Institute of Education and Higher Education Research Unit, London School of Economics, Britain.

Title of Project - POST-MORTEM OF MANPOWER FORECASTS

See A 9

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