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ELEMENTARY-MIDDLE SCHOOL PILOT PROJECT

A.I.D. LOAN NO. 489-H-084
NO. 489-H-085

MONTHLY REPORT NO. 1

for

August 25, 1972 — June 30, 1973

KOREAN EDUCATIONAL DEVELOPMENT INSTITUTE

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Seoul 110, KOREA

KOREAN EDUCATIONAL DEVELOPMENT INSTITUTE

88 KYUNG-WOON DONG, CHONG-RO KU
SEOUL, KOREA

July 6, 1973

Dr. William M. Williams
USAID/K

Subject: AID Loan No. 489-H-084
 No. 489-H-085
 Monthly Report No. 1, 1973

Dear Dr. Williams:

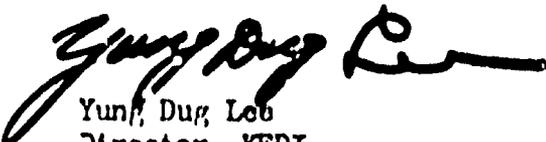
Forwarded herewith is our Monthly Progress Report No. 1 in accordance with the AID Implementation Letter No. 2 dated May 16, 1973. Also included are;

- (a) Personnel List
- (b) Management-by-Objectives
- (c) PERT
- (d) Proposed Plan for Procurement and Installation of Broadcasting Equipment
- (e) An Evaluation Plan for the KEDI Educational System (Draft)

Please accept my apology for the delay of submission of this progress report.

Thank you for your cooperation.

Sincerely yours,


Yun, Dug, Lee
Director, KEDI

The present report describes major events and activities carried out by the Korean Educational Development Institute in the period from August 25, 1972 to June 30, 1973. Since the present report is the first of its kind, such documents as Management-by-Objectives, PERT and others are attached in the Appendix. Although the present report covers a six-month period, the subsequent reports will be prepared and issued monthly.

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- A. Personnel list
- B. Management-by-Objectives
- C. PERT
- D. Proposed Plan for Procurement and Installation of Broadcasting Equipment
- E. An Evaluation Plan for the KEDI Educational System (Draft)

I. INTRODUCTION

The KOREAN EDUCATIONAL DEVELOPMENT INSTITUTE (KEDI) is an independent, autonomous, and government-funded educational research and development center whose primary mission is to undertake comprehensive and systematic educational reform programs for the schools in Korea.

The Institute was founded in 1972 by the Ministry of Education as its external research component, and was subsequently authorized as a special juridical foundation according to Korean Educational Development Institute Act enacted and promulgated early in 1973.

Operating policies of the KEDI are established by its Board of Trustees, chaired by the Minister of Education. As its first five-year program, KEDI has the responsibility for the design, development, and implementation of a new viable elementary and middle school system and of the underlying educational development policies. The staff of KEDI numbers over 100 including some 50 staff researchers with master's and doctorate degrees and nearly 20 technical specialists.

KEDI has established an Overseas Coordination Agency at International Center for Educational Technology of Florida State University, Tallahassee, Florida, U.S.A. The Agency was contracted to provide special technical assistance and training programs to

KEDI staff members and offer other necessary coordination and consultation services.

Besides its major efforts in research and development, KEDI conducts programs of seminars, internal/external training activities, publications, and consulting services to the schools. An extensive exchange program of professional personnel and information with the international research organizations is being planned.

II. MAJOR ACTIVITIES

A. Curriculum and Instruction

Elementary-Middle School Development Project, KEDI's first five-year program, is designed to introduce a more efficient and demonstrably higher quality educational program into elementary and middle schools in Korea. Some of the major tasks to be performed under this project are as follows:

(1) School curriculum will be fully revised and updated in order to make it more responsive to the national needs and aims, to foster a well-balanced cognitive, moral and affective development among the individual children, and to incorporate the current state of science and technology.

(2) A broad range of new instructional resources and materials will be developed and validated for effectiveness. Programmed learning units, large/small group teacher instruction, educational television programs, formative and summative evaluation programs, workbooks, and other AV materials will be carefully integrated into the instruction-learning process.

(3) A new instructional and school management system will be developed and demonstrated in the limited number of schools. Applying modern educational technology and management science, classrooms and school systems will be organized and managed under con-

tinuous review and evaluation with planned feedback system. Flexible classroom organization and differentiated staffing plan will be carefully studied for validity and feasibility under Korean settings. The new system, with its effectiveness verified, will be demonstrated in an appropriate number of schools throughout the nation in 1975-77.

B. Policies and Related Studies

An introduction of comprehensive changes into the existing system requires a series of long-range plans and a solid research basis. For this reason, the following tasks are considered essential to the successful accomplishment of educational reforms to which KEDI is currently committed. That is:

(1) Studies of educational goals, philosophy and history. No changes can be implanted; they are only incorporated and absorbed in the existing culture and system.

(2) Studies and formulation of educational development policy. School admission policy, various social demands existing and projected, innovation diffusion strategies and others will require extensive research and development activities.

(3) Development and implementation of pre-service and in-service teacher education programs to provide teachers with competencies required in the new educational system.

(4) Studies on non-formal education programs. Community and its social climate may either facilitate or hinder educational innovations underway inside the schools. Problems related to life-long education will also be studied.

C. Technical Support

In order to technically support the educational reform activities Bureau of Technical Support performs the tasks of planning and operation of a complete educational television production, transmission, and reception system with two UHF/TV channels. Broadcasting will be started in 1975 to transmit educational programs to the demonstration schools throughout the nation.

III. Major Events in 1972

Major events that took place during 1972 since its formal operation can be summarized into the following four areas of activities:

A. Administration

1. Founding Board meeting was held where Dr. Yung Dug Lee was appointed as the Director of the Institute.
2. KEDI was legally authorized as a juridical foundation as of August 30, 1972.
3. Twenty researchers and 10 administrative staff were recruited. (Oct. 10, 1972)
4. Dollar portion of the loan (\$ 2.5 million) for the technical assistance contract was signed by representatives of the two government. (Sept. 13, 1972)
5. Sublease contract was signed between Minister of Finance and the Director of the KEDI to sublease \$ 2 billion (equivalent to \$ 5 million) to KEDI. (Dec. 28, 1972)
6. Contract document for technical assistance between FSU and KEDI was drafted.
7. KEDI's second board meeting was held. Board members approved KEDI project plan for 1972 and various organizational regulations. (Dec. 16, 1972)

B. Research and Development

1. Project management plan was drafted and submitted to USAID/W.
2. Grand seminar on Korean educational ideals and objectives was held. Attendants summed up to 3,000 comprised of teachers, scholars, parents and representatives from various societal sectors. (Oct. 13-14, 1972)
3. Tentative plan for the instructional materials development and staff training requirement was developed.
4. Internal seminars and workshops were held to define the curriculum development work of KEDI in relation with the on-going curriculum revision process of the MOE.
5. A study on long-term demand and supply plan of elementary and secondary school teachers was made at the request of MOE. Research report was published and submitted to MOE.
6. Literature survey was conducted on teacher education.
7. Tentative KEDI instructional system model was developed.
8. A model of the summative evaluation for the KEDI instructional system was developed.

C. Development of Instructional TV System

1. Technical advisory committee was organized to examine studio plan and equipment specifications.

2. Joint committee meetings with relevant organizations and institutes were held to examine TCOM plan.
3. Contract on TCOM installation plan was signed between Ministry of Education and Westinghouse Company, U.S.A. (Dec. 28, 1972)
4. Final studio construction plan and desired equipment specifications were reviewed and confirmed by the technical advisory committee.
5. System development plan for TV program production was finalized.

D. Overseas Coordination

1. TV program production specialist, James W. Wilkey, joined KEDI as consultant in July, 1972.
2. Dr. Robert Morgan, then resident senior technical advisor returned to U.S. in August, 1972.
3. KEDI instructional material development staff training program was drafted and communicated with FSU.

IV. MAJOR EVENTS, January-June, 1973

(Six Months Calendar)

This section presents major events that took place during the months of January through June, 1973. The events were listed in chronological order by month.

Since this reporting period was the first six months of the project, many events listed are the problems related to institutional development of the KEDI.

A. January

1. Survey of Korean literatures on teacher education conducted.
2. A plan for collection of educational innovation cases in elementary schools developed.
3. The first advisory committee meeting on ITV system held.
4. The Ministry of Education approved the draft of the Technical Assistance Contract.
5. Final draft of the Technical Assistance Contract, and Five-Year Investment Plan of KEDI was submitted to Economic Planning Board through the MOE.
6. The Ministry of Education approved a bank loan in the amount of 185 million Won for KEDI.

B. February

1. The Ministries of Finance, and Agriculture and Fisheries released Korean Won equivalent to 5 million dollars to KEDI.
2. Developed research plan on saemaoul (new community movement) education developed.
3. Internal seminar on non-formal education was held.
4. A plan for the experiment of new MOE curriculum and textbooks completed.
5. The subject matter specialists meeting for the development of the guidelines for curriculum specification was held.
6. A planning conference of teachers from participating schools in the experiment of new MOE curriculum and textbooks was held.
7. Preliminary survey of TCOM site was made.
8. Korean-American joint TCOM task force meeting was held.
9. Arrangement for additional office space for the Institute completed.
10. The KEDI Promotion Act was approved by the State Council.
(Cabinet Meeting)
11. Editing of annotated bibliography of Korean publications on educational policy and administration completed.

C. March

1. Review of study plan for the long range educational plan was made.
2. Interim report on long range educational development plan submitted to the Ministry of Education.
3. Preliminary survey of literatures on the factors affecting teacher education conducted.
4. The research plan on goals of Korean education completed.
5. Instructional materials for a small scale tryout of KEDI instructional model developed.
6. T.V. & F.M. broadcasting facilities plan completed.
7. The KEDI Promotion Act was promulgated.
8. A draft construction plan of the KEDI building completed.

D. April

1. Questionnaire survey for the selection of demonstration schools conducted.
2. Information on innovations in Korean schools collected.
3. An advisory committee meeting on the study of educational goals held.
4. The planning for a short-term inservice training of high school teachers for MOE completed.
5. Pretest data from 13 schools participating in the new MOE curriculum and textbook experiment analyzed.

6. The first conference of teachers from schools participating in the experiment of the new MOE curriculum and textbooks was held.
7. First formative tests administered for the MOE textbooks experiment.
8. Curriculum specification work for grades 1 through 3 started.
9. Data from the first formative tests analyzed.
10. Selected equipments for audio-visual experiments purchased.
11. Letter of Commitment on technical contract of \$299,987 for FY 1973 signed by KEDI and FSU.

E. May

1. 45 cases of educational innovations in Korea selected and summarized.
2. A plan for field survey on teacher education was developed.
3. Instructional materials for the first tryout of the KEDI instructional model were reviewed by subject specialists.
4. School survey for new MOE textbook experiment was conducted.
5. ITV technical advisory committee meeting was held.
6. ITV programs (Arithmetic for grades 3 & 5) produced for the first tryout of KEDI instructional model.
7. A round-table conference was held with members of parliament from academic circles.

F. June

1. KEDI brochure and news letter were published.
2. Revision of PERT for the KEDI development program completed.
3. Revision of various KEDI regulations completed.
4. ITV programs (Science for grades 3 & 5) produced for the first tryout of KEDI instructional model.
5. Data from the second formative evaluation for new MOE curriculum and textbook experiment analyzed.
6. First tryout of KEDI instructional system (Grades 3 and 5, 2 schools) conducted.
7. A plan for the construction of KEDI building completed.
8. "An Explication on the Goals of Korean Education", the report of the grand seminar on educational goals held in October 1972, was published.
9. "Annotated Bibliography on Educational Policy and Administration", a research report, was published.
10. The third meeting of the Board of Trustees of KEDI was held.

V. PERSONNEL AND ORGANIZATION

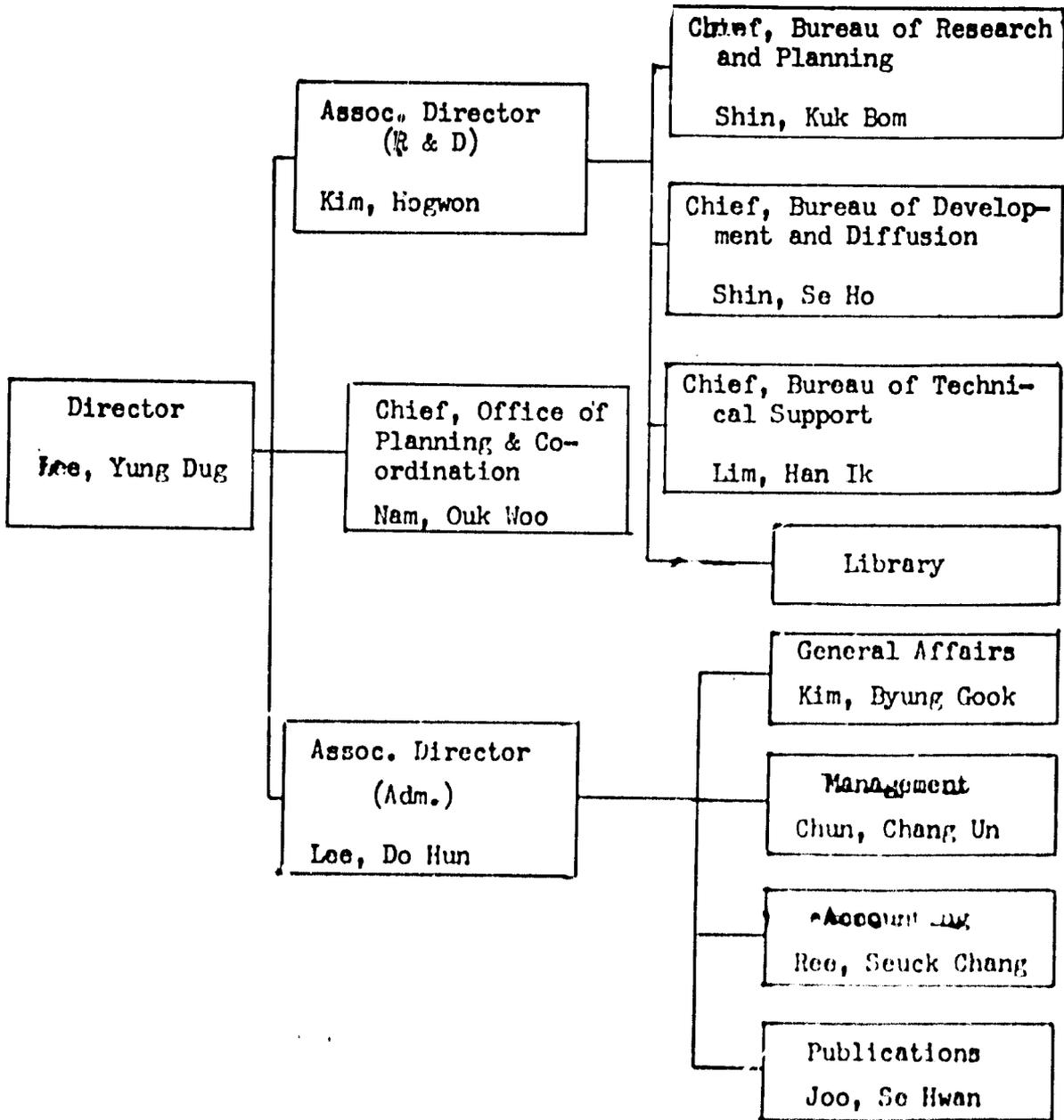
The size of staff researchers, technical specialists, and administrative personnel of KEDI has been gradually expanded now to amount 110 in total. The following table shows the numbers of staff personnel by classification and the corresponding per cent figures.

Classification	Number	Per Cent
Research Staff	47	43
Technical Staff	17	15
Administrative Staff	26	24
Skilled Worker*	20	18
Total	110	100

* Skilled worker includes motor-vehicle operators, typists, and telephone operators, etc.

The list of personnel is attached in Appendix A.

The organization of KEDI is rather simple. Under the Director of the Institute, there are two Associate Directors, one responsible for research and development and another for administration. The structure of the Institute appears as follows:



VI. FINANCIAL STATUS

A. Main Source of Research and Development Fund

The major source of funding required for the implementation of the Korean Elementary-Middle School Development Project is \$7.5 million loan from the United States Agency of International Development (AID). Of this total amount, \$2.5 million is the dollar portion of the loan which will be used for the procurement of educational television equipment and overseas coordination and technical assistance. The remaining \$5.0 million is deposited to a bank and the interest on this \$5.0 million will be the main source of fund for research and development activities of KEDI.

B. Government Support

Since the interest on \$5.0 million alone will be insufficient to support the operation of KEDI, Korean Government has enacted a special law in early 1973. According to this Korean Educational Development Institute Act, Korean Government, through the Ministry of Education, will provide additional fund for KEDI to support the project. Table 1 shows the expected fund available for the operation of KEDI for next five years. Also shown in Tables 2 and 3 are more detailed fund sources and budget allocations for Fiscal Year 1973.

Table 1. Major Sources of R & D Fund for the First Five-Year of KEDI Program

Source	Year					Total
	1973	1974	1975	1976	1977	
Dollar Portion of AID Loan	1,882.5	205.0	172.5	142.5	97.5	2,500.0
Interest on \$5.0 Million	550.0	660.0	660.0	660.0	660.0	3,190.0
Government Support Fund	310.0	405.0	425.0	427.5	305.0	1,872.5
Total	2,742.5	1,270.0	1,257.5	1,230.0	1,062.5	7,562.5

Table 2. Revenue of KEDI for FY 1973

Source	Amount	Remark
Dollar Portion of AID Loan	1,882.5	Overseas technical assistance contract
Interest on \$5.0 Million	550.0	13.2% interest per year
Loan from Korean Bank	462.5	Date of loan — Jan. 25, 1973
Others	1.1	Sale of used car, etc.
Carry-over from FY 72	9.6	
Total	2,905.7	Note: Final figure is not known yet regarding FY 1973 government support.

Table 3. Expenditure of KEDI for FY 1973

(\$1,000)		
Source	Amount	Remark
Administration	129.6	
Research and Development	384.6	
Equipment Purchasing	1,882.5	Dollar Portion of AID Loan Allocated for FY 1973
Property Purchasing	50.7	Purchasing of car, desk, etc.
Deposit for Office Space	110.0	Key money for leasing present office space
Payment of Loan Interest	280.9	Interests on a Bank Loan and AID Loan
Reserve Fund for Changes in \$ and W Exchange Rate	27.5	
Contingency Fund	39.9	
Total	2,905.7	

VII. Overseas Participant Training Program: FY 1973

Pursuant to the Technical Assistance Contract between the KEDI and Florida State University, both the short-term(6 months) and long-term trainees have been nominated.

A. The following 8 trainees started their short-term training at the Center for Educational Technology, Florida State University from June 19, 1973.

<u>Name</u>	<u>Title</u>	<u>Training Area</u>
1. Park, Do Soon	Researcher A	Instructional, Design
2. Byun, Yung Kye	Researcher A	"
3. Hong, Soon Jung	Researcher B	"
4. Cho, Won Ho	Researcher B	"
5. Kim, Dai Hyun	Technical .IV	ETV Production
6. Kim, Jin Sung	Technical IV	"
7. Hahn, Jung Sun	Technical IV	"
8. Son, Mong	Technical IV	"

B. The following 3 researchers have been nominated for 12 months training which will start early in September, 1973.

<u>Name</u>	<u>Title</u>	<u>Training Area</u>
1. Kim, Yoon Tai	Researcher A	Management & System
2. Chang, Un Hyo	Researcher B	Learning & Instruction
3. Yoo, An Jin	Researcher B	Instruction & Curriculum

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