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**KOREA**

**ELEMENTARY - MIDDLE SCHOOL PILOT PROJECT**

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

**MONTHLY REPORT NO. 21**

**for**

**July, 1975**

**KOREAN EDUCATIONAL DEVELOPMENT INSTITUTE**  
8-20 Yejang-Dong, Jung-Gu  
Seoul 100, Korea

KOREAN EDUCATIONAL DEVELOPMENT INSTITUTE  
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Seoul, Korea

August 28, 1975

Dr. Mary C. Neville

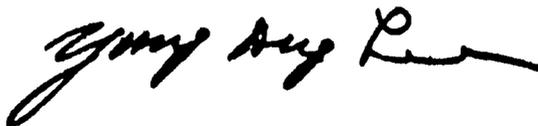
USAID/K

Subject: AID Loan No. 489-H-084  
          No. 489-H-085  
Monthly Report No. 21

Dear Dr. Neville:

Transmitted herewith is the Twenty-first Progress Report on the subject related to the Korean Elementary-Middle School Pilot Project. This report covers the period July 1 through 31, 1975.

Sincerely yours,



Yung Dug Lee  
Director

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## I. Major Events, July

The following lists major events of the current reporting period:

1. On July 28, Minister of Education Yoo Kee-ohun visited KEDI and was briefed on the status of KEDI's activities. One of the major issues brought up at the briefing session was a plan to secure funds required for the prospective operation of KEDI's broadcasting station. Minister Yoo showed a real interest in and entertained great expectation of KEDI's role in realizing the qualitative improvement in national education.
2. The project of Analytical case study of KEDI was officially approved by KEDI and USAID last July. On the second visit of Dr. Masoner, the Director of the case study team, from July 9 to July 25, the guidelines and action plan for the case study were formulated and the project is now on the way. The team is organized with five professors at the university of Pittsburgh and two Korean scholars. Twenty-two of U.S. and Korean specialists from several areas related to KEDI project were also identified as the consultant. There will be four Team/consultant visits to KEDI. The first visit will be made around either November 1975 or January 1976. The other three visits are scheduled to be made

around the summer in the each year from 1976 to 1978, according as the comprehensive demonstration of the new educational system is to be implemented.

At the first stage of the case study KEDI will prepare the English version of the background information and Dr. Masoner will organize the orientation program of KEDI project to U.S. Team members and consultants before the first team visit.

3. On 7-12 July, KEDI hosted the Preparatory Group Meeting on Science Education in Seoul which was jointly convened by the Asian Centre of Educational Innovation for Development (ACEID) and KEDI. The Meeting was for preparation of guidelines in the development of exemplar modules for basic education, in-service education and non-formal education. The participants were ACEID representatives, and high-level specialists in science education from member states, that is, India, Malaysia, Philippines, Singapore, Sri Lanka, Japan, and Korea.
4. On 24-25 July, KEDI hosted an International Seminar on Education and Communication with some financial assistance from USIS/K as an attempt to derive information useful for educational and national development from discussions with eminent specialists concerned from home and abroad. The participants were in all 62 consisting of 24 education scholars and 38 communication specialists. The themes of paper presentation and the topics of panel discussions were as follows:

### Papers Presentation

- **Instructional and Public Television  
- A Look Backward and Look Forward -**  
  
by **Dr. Gordon A. Law**  
Project Director, Satellite Technology  
Demonstration, Federation of Rocky Mountain  
State
  
- **Review and Evaluation of Education through Communi-  
cation Media**  
  
by **Mr. Albert Feiner**  
Manager, Satellite Communication  
Earth Stations at Hughes Aircraft Company
  
- **Education through Communications Media (including  
Satellite Education): Its Cost Effectiveness**  
  
by **Mr. Arthur S. Melmed**  
Associate Director for Programs  
National Institute of Education
  
- **Anatomy of Value Conflicts Raised by Technological  
Innovation and Humanistic Goals in Education**  
  
by **Dr. Se Ho Shin**  
Chief, Office of Planning and  
Coordination, KEDI
  
- **Life Cycle Cost Analysis of the Media for Educational  
Reform in Korea**  
  
by **Dr. Chong Jae Lee**  
Senior Researcher, KEDI

### Panel Discussions

- **Prospects of Education through Communications Media  
in Korea**
  
- **Communication Media: An Alternative for Educational  
Innovation**

5. A study tour team of Pakistan curriculum developers came to KEDI and will stay for about a month from 19 July to 15 August. The list of the team is as follows:

Mr. Nasir Ahmad Qureshi, Associate Professor  
of Physics, Government College

Mr. Mushtaque Ahmed Khokhar, Deputy Director  
Bureau of Curriculum and Extension

Dr. Azhar Hameed, Deputy Director (Social Studies)  
Curriculum Research & Development Centre

Dr. Ghulam Kibriya Khawaja, Professor of Mathematics,  
Government College of Science

A special program organized for the Pakistan team mainly consisted of 1) introduction of strategies and status of KEDI's E-M Project, 2) discussions on the status and problems of curriculum development by subject matter in the two countries, 3) discussions on how to strengthen educational ties between the two countries, 4) visits to educational institutions.

6. On July 14, exchanges of information on the operation of the educational broadcasting station were made with Mr. Robert F. Schenckan, President and General Manager, Southwest Texas Public Broadcasting Council, Austin, Texas and Dr. Howard B. Leavitt, Academy for Educational Development, Inc., Washington, D.C.

7. On July 30-31, Dr. Frederick C. Brown, Head of the Development of Physical Science, London University Institute of Education was at KEDI for discussions with KEDI research team in charge of science education and introduction of materials to the team as in the following.

- 1) Discussions on curriculum matters followed by demonstrations of experiments suitable for TV presentation for primary and middle schools in the fields of physics and chemistry
- 2) Book exhibition on Mathematics and Science teaching and curriculum development and related discussions
- 3) Projecting short excerpts from British Science teaching films followed by discussions on the role of TV in science

## II. Project Progress

Activities carried out for the current reporting period are summarized hereunder.

### Planning and Coordination

Review of KEDI long-term project plan was completed, and work was undertaken to adjust expected dates, content description, and number of PERT events.

A special program was prepared for a study tour team of Pakistan curriculum developers who will be attached to KEDI for about a month.

A report on National Inventory of Educational Innovation was being prepared. This is a work commissioned by the Asian Center of Educational Innovation for Development (ACEID).

### Educational Policy Research

Works related to the survey on "View of Man": Preliminary survey (pre-test) on questionnaire items was completed, and continued progress was made in review of literature in historical and philosophic aspects and in collection of manuscripts commissioned to persons outside KEDI, while undertaken was a work to process data collected from the survey.

Works related to industrial-arts education: Completed was the selection of jobs required for two subject matters (industrial-arts and home economics) including data processing, while started was the preparation of a report on the field survey.

In addition, main survey on the effectiveness of non-formal education and its needs in rural area was started following the completion of consultation and preliminary survey.

#### Educational System Development

New Works were undertaken in relation to preparatory works and evaluation planning for the first comprehensive demonstration and finalizing of comprehensive model for management system.

Continued progress was being made in analyzing the fourth tryout results, finalizing study contents for the first comprehensive demonstration, projecting quantitative indices for educational planning (1977-1981), preparing the guideline for local educational planning, and developing system evaluation tools.

Completed works were the preparation of operational guidelines for the first comprehensive demonstration, the preparation of manuscripts for the first comprehensive demonstration school teacher training programs, printing of teacher's training programs, and the development of sub-models of the management system.

#### Instructional Materials Development

Materials for the first comprehensive demonstration (9 subject matters) : Completed subject matters totalled four by the completion of work on physical education, while works on the remaining five subject matters--moral education, Korean language, social studies, arithmetic and natural science progressed up to 92% of completion on the average.

Materials for grades 2, 4 and 6 (5 subject matters):

The production of materials covering moral education, Korean language, social studies, arithmetic, natural science is a collaborative works with city and provincial education research institutes. In this respect, progress was made up to 29% of completion on the average.

Materials of the remaining portion for the first semester of grades 3 and 5 (9 subject matters): Work on natural science was started, and completed subject matters remained three, the same as before, while there was on the whole a little progress on other five subject matters—arithmetic, physical education, moral education, Korean language, and social studies.

Instructional designs for the second semester of grades 2, 4 and 6 (5 subject matters): Works on two subject matters—social studies and arithmetic—were undertaken, and progress made on the three subject matters including moral education was 28% of completion on the average. Works on two other subject matters — Korean language and natural science — will be started next month.

In addition, works were pursued on the preparation of TI (teacher-centered instruction) and TE (test items) of music, fine arts and industrial arts for grades 2, 4 and 6, and on the preparation of learning hierarchical diagrams and guidance plans, while started was printing of instructional materials for the first comprehensive demonstration.

#### Technical Support

Started were works related to the production of the radio

programs for the summer vacation, the installation of telephone lines, the installation of TV and antenna at the demonstration schools and the field strength measurement.

Completed works were such as the preparation of the regulations relevant to a broadcasting review committee, the second and third recruitment of broadcasting staff, the preparation of broadcasting regulations, overseas training of broadcasting staff, radio program planning for the second semester, the meetings of program planning committee for the special opening TV and radio programs, the radio programs production for the first semester of 1975, and consultation meeting with USAID/K on the procurement of AV equipment.

On the other hand, progress was being made on the first training of broadcasting staff, ordering of the domestic equipment and materials, fencing works, water supply works, and the second phase of building construction in addition to the on-going works related to the transmitting station, such as proof of the performance test for the transmitter, trial transmitting of electric wave and installation of relay etc.

### III. Personnel

The status of personnel for the current period is given in the following, and the figures in parentheses are those from the preceding Report #20.

Research Staff .....	102(102)
Office of Planning and Coordination	12(12)
Bureau of Educational Policy Research	17(17)
Bureau of Educational System Development	14(14)
Bureau of Instructional Materials Development	44(44)
Bureau of Technical Support	4(1)
Committee of Curriculum Development	11(11)
Technical Staff .....	30(24)
E-M Project	14(8)
TCOM Project	16(16)
Administrative Staff .....	55(55)
E-M Project	49(49)
TCOM Project	6(6)
Broadcasting Staff .....	23(22)
Skilled Workers .....	41(42)
<b>Total:</b>	<b><u>251(245)</u></b>

#### IV. Accounting

A. The expenditure report on the utilization of local currency for the Korean Elementary-Middle School Pilot Project covers the period July 1 through 31, 1975.

Category	Amount 7/1-7/31/75	Cumulative Amount 1/1-7/31/75
1. Personnel *	15,136,624 won	107,146,193 won
2. Travel	650,905	4,500,915
3. Supplies, Materials, Printing, etc.	8,511,936	42,273,586
4. Fees & Research Contract	1,513,540	13,202,133
5. Maintenance & Repair	58,450	673,840
6. Conference	1,119,055	5,718,240
7. Property	80,780	1,982,270
8. Construction	91,996,320	359,088,702
9. Payment of Loan Interest		
a. Local Bank Loan	6,014,000	21,876,000
b. Subloan (\$5.0 million)	0	5,381,507
c. AID Loan (\$2.5 million)	0	1,055,500
Total	125,041,610 won	562,893,976 won

\* Breakdown of Personnel Expenditures.

Planning and Coordination Office .....	1,939,000 won
Educational Policy Research Bureau .....	1,254,334
Educational System Development Bureau .....	1,340,320
Instructional Materials Development Bureau .....	2,929,370
Technical Support Bureau .....	3,463,000
Administrative Personnel .....	4,210,600
Total :	<u>15,136,624 won</u>

B. The expenditure report on the Utilization of the AID Fund under Contract MOE-FSU #1, Technical Assistance in Educational Development will be made when the FSU quarterly report covering the period, April through June 1975 becomes available.

## V. Overseas Training and Coordination

A. Long-term trainees, Mr. Jeoung Keun Lee and Mr. Young Soo Rhee are scheduled to leave Seoul for the U.S. in August and three short-term trainees in September.

### B. Overseas Coordination

No particular activities were scheduled for the current period.

## VI. Procurement

### A. Broadcasting Equipment

The second shipment lot is expected to arrive at the port of Busan in August.

### B. AV Equipment

A final list of equipment was submitted to USAID/K for approval.

### C. Library Procurement

The number of books received in July was 368. This brings the total up to 415.

## VII. Problems

There will be some delay in the construction work for KEDI's studio and office buildings, the completion of which was scheduled for August 13. It is now expected to be completed in coming September.

As stated in the preceding report, the first shipment lot of broadcasting equipment arrived at the port of Busan in June. The installation of the equipment in the studio will be started in August, and completed in November should successive partial shipments be effected as per schedule.

## VIII. Progress of Activities Listed on PERT Chart

The status of project activities accomplished during the current reporting period is as shown in the following PERT report.

P E R T P R O G R E S S  
(July 1-31, 1975)

<u>No.</u>	<u>Events</u>	<u>Prede- cessor</u>	<u>Expected Scheduled Date</u>	<u>Slack (Week)</u>	<u>Item % Complete July 1-31, 1975</u>	<u>Cumulative Item % Complete from Inception to July 31, 1975</u>
33.	Installation of telephone lines started	15	1.15	7.4	100	100
96.	Consultation meeting with USAID held on the AV equipments completed	58	3.6	-6.1	80	100
97.	Equipments installed at the transmitting site A and readiness for trial operation completed	59	3.13	14.1	1.8	88
98.	Production of FM relay started	16	1.15	7.1	0	0
117.	Radio technicians selected	66	3.13	7.9	0	0
125.	Afforestation and environment formation started	56	2.3	-1.0	0	0
127.	The domestic equipments and materials ordered	83	2.15	-2.9	45	50
129.	Application submitted for the approval for the relay station	98	2.1	7.1	0	0
145.	AV equipments approved by USAID	96	4.11	-6.1	0	0
161.	Fencing works completed	34	3.27	11.5	5	65

<u>No.</u>	<u>Events</u>	<u>Prede- cessor</u>	<u>Expected Scheduled Date</u>	<u>Slack (Week)</u>	<u>Item % Complete July 1-31, 1975</u>	<u>Cumulative Item % Complete from Inception to July 31, 1975</u>
162.	Installation of equipments at the transmitting site B completed and readiness for trial operation completed	59	4.22	7.7	0	85.6
172.	Preparatory works for the installation of broadcasting equipments started	116	4.15	-10.3	0	30
173.	AV equipments reported to MOE	145	4.15	-6.1	0	0
181.	Presenters selected	28	5.6	1.3	0	30
182.	Technical inspection of AV equipments completed by MCI	173	4.17	-6.1	0	0
187.	Preparatory works for the production of the special TV programs completed	28	5.6	1.3	0	30
188.	Water supply works completed	113	3.28	11.3	1	63
191.	The instructional materials of physical education for the 1st comprehensive demonstration produced	104	5.2	-6.8	2	100
204.	The first training of broadcasting staffs completed	111	4.11	2.2	20	80
205.	The regulations pertinent to committee for broadcasting review prepared	158	2.21	20.8	50	100

<u>No.</u>	<u>Events</u>	<u>Prede- cessor</u>	<u>Expected Scheduled Date</u>	<u>Slack (Week)</u>	<u>Item % Complete July 1-31, 1975</u>	<u>Cumulative Item % Complete from Inception to July 31, 1975</u>
207.	Installation of telephone lines completed	33	4.25	7.4	10	10
208.	The purchase of AV equipments requested to OSROK	182	5.17	-6.1	0	0
209.	Trial operation of the transmitting site A completed	174	4.11	14.1	0	19
210.	The microwave terminal linking studio and transmitter established	175	3.20	7.1	0	15
214.	The manuscripts of teachers training programs prepared	102	4.26	9.1	10	100
226.	The second recruitment of broadcasting staffs completed	204	4.22	2.2	70	100
229.	Formation of the broadcasting review committee started	205	2.21	20.8	0	0
231.	Technical inspection of AV equipments completed	208	5.31	-6.1	0	0
232.	Installation of TV and antenna at the demonstration schools and their field strength measurement started	16	1.15	9.9	10	10
238.	Consultation meeting between USAID and OSROK held	231	6.9	-6.1	0	0
243.	AV equipments approved by USAID	238	6.23	-6.1	0	0

<u>No.</u>	<u>Events</u>	<u>Prede- cessor</u>	<u>Expected Scheduled Date</u>	<u>Slack (Week)</u>	<u>Item % Complete July 1-31, 1975</u>	<u>Cumulative Item % Complete from Inception to July 31, 1975</u>
244.	Proof of the performance test for the transmitter completed	195	5.27	7.7	3	18
248.	KEDI newsletter No. 1 (English) published	197	5.21	1.8	0	0
251.	Overseas training of broadcasting staffs completed	156	5.29	12.0	20	100
254.	The installation of domestic equipments and materials prepared	127	5.28	-2.9	0	0
255.	Trial transmitting of electric wave started	117	3.13	7.9	40	50
256.	Installation of relay started	210	3.20	7.1	10	30
261.	The current organization system analyzed	115	3.6	19.8	0	40
263.	Broadcasting review committee formed	229	3.26	20.8	0	0
264.	Production of the special TV opening programs started	181	5.6	1.3	0	0
265.	Contract for the purchase of AV equipments completed	243	6.30	-6.1	0	0
266.	Operation of the transmitting site started	244	5.27	7.7	0	0

<u>No.</u>	<u>Events</u>	<u>Prede- cessor</u>	<u>Expected Scheduled Date</u>	<u>Slack (Week)</u>	<u>Item % Complete July 1-31, 1975</u>	<u>Cumulative Item % Complete from Inception to July 31, 1975</u>
270.	L/C established for the purchase of AV equipments	265	7.7	-6.1	0	0
272.	The instructional materials of physical education for 3rd and 5th grades (the remaining part of the 1st term) produced	222	6.30	-3.4	1	86
274.	Sub-models of management system developed	163	6.26	-1.3	10	100
275.	The instructional materials of moral education for the 1st comprehensive demonstration completed	140	6.26	-3.1	6	96
277.	Broadcasting equipments arrived	172	8.25	-10.3	0	48
285.	Consultations and preliminary survey completed	249	6.26	0.8	10	100
287.	Preliminary survey conducted	133	7.3	-4.2	5	100
292.	The 2nd training of broadcasting staffs completed	226	6.17	4.0	0	0
295.	TV program planning for the second term of 1975 completed	252	5.22	8.0	0	50
296.	Regulations pertinent to	194	5.1	15.8	50	100

<u>No.</u>	<u>Events</u>	<u>Prede- cessor</u>	<u>Expected Scheduled Date</u>	<u>Slack (Week)</u>	<u>Item % Complete July 1-31, 1975</u>	<u>Cumulative Item % Complete from Inception to July 31, 1975</u>
297.	The radio programs production for the 1st term of 1975 completed	72	7.15	-1.6	5	100
298.	Preparatory works for the production material of the 1st comprehensive demonstration programs prepared	112	2.12	16.1	0	0
299.	Preparatory works for the installation of domestic items completed	254	7.9	-2.9	0	0
300.	Building construction completed	32	8.13	-7.8	14	78
302.	Teacher's training programs printed	214	6.24	9.1	75	100
305.	Quantitative indices projected	216	7.26	-3.1	17	87
307.	The third recruitment of broadcasting staffs completed	292	6.27	4.0	100	100
308.	Production of the summer vacation radio programs started	297	7.15	-1.6	100	100
309.	Preparatory works completed for the production of the opening programs	242	3.18	13.0	0	30
311.	Study content for the 1st comprehensive demonstration finalized	100	6.10	4.1	50	90

<u>No.</u>	<u>Events</u>	<u>Prede- cessor</u>	<u>Expected Scheduled Date</u>	<u>Slack (Week)</u>	<u>Item % Complete July 1-31, 1975</u>	<u>Cumulative Item % Complete from Inception to July 31, 1975</u>
316.	The instructional materials of arithmetic for the 1st comprehensive demonstration produced	124	7.21	6.4	3	95
317.	The instructional materials of moral education and mathematics for the 1st comprehensive tryout produced	316	7.21	-6.4	96	96
318.	Radio program planning for the second term completed	312	5.1	23.5	45	100
319.	Program planning committee for the special opening radio programs held	294	4.16	17.9	100	100
320.	The instructional materials of social studies for the 1st comprehensive demonstration produced	176	7.23	-1.8	8	93
325.	Manuscripts collected	87	7.3	4.8	20	55
326.	Jobs selected	288	7.31	1.7	80	100
327.	Jobs selected	289	7.31	1.7	80	100
328.	Data processed	203	7.26	2.6	15	100
332.	Program planning committee for the special opening TV programs held	313	5.31	11.6	100	100

<u>No.</u>	<u>Events</u>	<u>Prede- cessor</u>	<u>Expected Scheduled Date</u>	<u>Slack (Week)</u>	<u>Item % Complete July 1-31, 1975</u>	<u>Cumulative Item % Complete from Inception to July 31, 1975</u>
333.	TV sets placed at the demonstration schools and field strength measurement completed	232	5.13	9.9	0	0
334.	Instructional materials printed	257	6.26	8.8	30	30
335.	Operational guidelines for the 1st comprehensive demonstration prepared	311	7.1	4.1	60	100
338.	Instructional design of moral education for 2nd, 4th, 6th grades (2nd term) completed	317	9.9	-6.4	8	38
340.	KEDI long-term project plan reviewed	110	8.18	5.7	20	100
342.	Third training of broadcasting personnel completed	307	7.26	4.0	0	0
343.	TV-teachers guidebooks for 2nd term of 1975 published	295	6.27	8.0	20	20
344.	Production of the special opening radio programs started	308	7.15	1.9	0	0
346.	The establishment of the stations reported	255	6.5	7.9	0	0
347.	The instructional materials of Korean language for the 1st comprehensive demonstration	168	8.6	-3.7	13	83

<u>No.</u>	<u>Events</u>	<u>Prede- cessor</u>	<u>Expected Scheduled Date</u>	<u>Slack (Week)</u>	<u>Item % Complete July 1-31, 1975</u>	<u>Cumulative Item % Complete from Inception to July 31, 1975</u>
350.	The radio programs production for the summer vacation completed	308	9.4	-1.6	60	60
357.	Inspection of the station construction completed	346	6.17	7.9	0	0
358.	Instructional design of arithmetic for 2nd, 4th and 6th grades completed	317	8.26	-3.8	24	24
360.	Recruitment of broadcasting staffs completed	342	7.26	4.0	50	50
363.	The opening programs produced	309	5.22	13.0	0	0
364.	Approval gained for the station	357	6.24	7.9	0	0
365.	Relay station constructed	256	6.23	7.1	0	0
367.	The instructional materials of natural science for the 1st comprehensive demonstration produced	184	8.20	-5.5	7	92
368.	The special opening TV programs produced	264	8.14	1.3	0	0
369.	Preparatory works for the production materials of the 1st demonstrative programs completed	298	4.29	16.1	0	0
373.	Relay station approved	365	7.3	7.1	0	0

<u>No.</u>	<u>Events</u>	<u>Prede- cessor</u>	<u>Expected Scheduled Date</u>	<u>Slack (Week)</u>	<u>Item % Complete July 1-31, 1975</u>	<u>Cumulative Item % Complete from Inception to July 31, 1975</u>
378.	Main survey conducted	285	8.23	0.8	50	50
385.	The 4th tryout results analyzed	301	8.20	2.2	50	60
386.	Preparatory works for the 1st comprehensive demonstration completed	391	8.20	1.4	70	70
388.	Evaluation tools developed	215	8.20	2.4	10	55
389.	The 1st comprehensive evaluation planning completed	388	8.20	2.4	90	90
392.	Study on Education in the Field No. 7 published	306	7.25	5.8	0	0
398.	Learning hierarchical diagrams and guidance plans prepared	273	9.8	7.5	20	20
400.	Instructional design of social studies for 2nd, 4th and 6th grades completed	391	10.7	-5.5	23	23
407.	Review of literatures completed	87	10.6	-0.2	10	70
408.	Data processed	287	11.4	-4.2	10	10
412.	Comprehensive model for management system finalized	274	10.13	-1.3	70	70
420.	TV program planning for the winter vacation started	343	6.27	17.1	0	0

<u>No.</u>	<u>Events</u>	<u>Prede- cessor</u>	<u>Expected Scheduled Date</u>	<u>Slack (Week)</u>	<u>Item % Complete July 1-31, 1975</u>	<u>Cumulative Item % Complete from Inception to July 31, 1975</u>
423.	The instructional materials of mathematics for 3rd and 5th grades (the remaining part of the 1st term) produced	358	10.21	-3.8	0	7
428.	The instructional materials of moral education for 3rd and 5th grades (the remaining part of the 1st term) completed	338	11..	-6.4	0	13.5
437.	Report prepared	328	10.21	2.6	5	5
452.	The instructional materials of social studies for 3rd and 5th grades (the remaining part of the 1st term) produced	400	12.26	-5.5	0	55
471.	The guideline for local educational planning prepared	416	12.20	1.1	20	50
487.	TI, WB, and IS of moral education for 2nd, 4th and 6th grades developed in cooperation with the local education research institute	217	11.22	5.2	14	33
488.	TI, WB, and TE of Korean language for 2nd, 4th and 6th grades developed in cooperation with the local education research institute	406	10.9	11.4	16	35

<u>No.</u>	<u>Events</u>	<u>Prede- cessor</u>	<u>Expected Scheduled Date</u>	<u>Slack (Week)</u>	<u>Item % Complete July 1-31, 1975</u>	<u>Cumulative Item % Complete from Inception to July 31, 1975</u>
489.	TI, WB, and TE of social studies for 2nd, 4th and 6th grades developed in cooperation with the local education research institute	400	10.7	11.6	4	24
490.	TI, WB, and TE of arithmetic for 2nd, 4th and 6th grades developed in cooperation with the local education research institute	358	8.26	17.5	7	27
491.	TI, WB and TE of natural science for 2nd, 4th and 6th grades developed in cooperation with the local education research institute	221	8.16	18.9	5	25
513.	The instructional materials of Korean Language for 3rd and 5th grades (the remaining part of the 1st term) produced	406	1.19 ( '76)	-2.7	0	33
516.	The instructional materials of natural sciences for 3rd and 5th grades (remaining part of the 1st term) produced	404	1.6 ( '76)	-1.4	4	4
519.	TI and TE of music for 2nd, 4th and 6th grades prepared (38%)	246	2.17 ( '76)	-6.8	3.3	8
520.	TI and TE of fine arts for 2nd, 4th and 6th grades prepared (55%)	139	2.3 ( '76)	-4.8	4.8	12

<u>No.</u>	<u>Events</u>	<u>Prede- cessor</u>	<u>Expected Scheduled Date</u>	<u>Slack (Week)</u>	<u>Item % Complete July 1-31, 1975</u>	<u>Cumulative Item % Complete from Inception to July 31, 1975</u>
521.	TI and TE of industrial arts for 2nd, 4th and 6th grades prepared (49%)	267	1.8 ( '76)	-1.1	2	6