

March 13, 1981

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FROM: NE/TECH/HPN, *Allen Randlov*, Project Committee Chairman

SUBJECT: OPG, Health Education 268-0316, Lebanon

The attached OPG proposal was received in AID/W on March 5.
The Project Review Committee meeting will be held on Monday
March 16 in room 5312 N.S. at 4:15.

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OPERATIONAL PROGRAM GRANT PROJECT PROPOSAL

Total OPG request: \$ 175 ,000

Project Title: Health Education Model Program
for Elementary and Intermediate
School Program, Lebanese Ministry
of Education.

Project Location: Lebanon

PO Name and Location: Directorate of Elementary and
Intermediate Education,
Beirut, Lebanon

Contact Person: Dr. Naief Ma'louf
Director of Elementary and
Intermediate Education,
Ministry of Education,
Beirut, Lebanon

First Draft

I. Introduction:-

The Lebanese school curriculum does not include Health Education as a separate subject. The material given on health is mainly integrated into sciences and social sciences and constitutes scattered bits of information on health rather than a planned sequential program.

The Lebanese school needs a Health Education Program which includes experiences and activities that are planned by the school in order to develop desirable knowledge, habits, attitudes and practices that are related to health. It also needs appropriate books and specialized teachers. These needs are very essential at the Elementary and Intermediate levels, to start with, because the majority of students in Lebanon terminate their formal education at the end of these levels, the enrollment at these levels is much higher than at high school and university levels, and because the drop out rate is less compared to the secondary level (drop out rate in the year 1972-73 was 5.03 per cent at the elementary level 8.17 per cent at the intermediate level and 23.0 percent at the secondary level.

II. Project Purpose and Description:-

A. Project purpose:

The purpose of this project is to introduce Health Education to approximately 10,000 students in a number of schools throughout Lebanon, to prepare the teaching material related to this program and to train the personnel involved in the implementation of this program. It is hoped that after an experimental period of

one year the program will be evaluated, developed and introduced into more schools.

B. Project Description:

The Ministry of education, as the project implementing agency, will supervise the planning of a Health Education Curriculum for the Elementary and Intermediate levels. It will take care of developing the teaching material for this program, train the personnel involved, implement and evaluate the project.

Health education curriculum

A sequential curriculum plan (grades 1 to 9) will be developed by a curriculum specialist and reviewed by a curriculum committee of five educators.

The curriculum should direct attention to the type of behavior a student is expected to exhibit as a result of the learning experiences. It should consider the readiness of the children at different age levels and also the possibility of conflict of any of the learning experiences with the home and the community. The curriculum will be developed in both Arabic and English within one month of the beginning of the project.

Planning the curriculum will include:

- background review of information on all elementary and intermediate level subjects in the Lebanese curriculum,
- background review of information on all available health education curriculum planned for Lebanese schools,
- review of three or four foreign health education curriculum plans.

Following this planning period a draft health education curriculum for the elementary and intermediate levels will be developed. It is anticipated that this effort will require approximately 150 - 200 hours of consultant time. The draft curriculum will be reviewed and modified, as necessary, by a curriculum review committee.

The curriculum review committee will consist of five members. The committee will be chaired by Dr. Ma'louf, Director of Elementary and Intermediate Education in the MOE. In addition to the consultant who worked on the curriculum plan, other potential members of the committee include representatives of the MOE's Health Unit, AUB, YMCA/L, the Lebanese University, and the Ministry of Health's Director General of Preventive Health. It is expected that each member of the committee will devote from 40 to 50 hours to the curriculum review. The committee will be officially formed within one week of the approval of the grant.

Text-books on Health Education

The second stage will be the writing of the text-books. These text-books will be written in Arabic and will include teaching material for 30 hours in each grade. Nine such text-books (50 pages for the elementary level and 75 pages for the intermediate level) will be needed for each of the educational levels. The books will be written by educators who have experience in the field of health education and also have previous experience in writing text-books. Each book will have an author, editor and proof reader. Respective costs are estimated to be \$ 5-7 per page. A total of 18,000 (2,000 for each grade) will be printed.

Visual materials (charts and posters) will be produced in color to supplement each book. These will be produced by professional artists under the supervision of the authors. Two hundred copies will be printed (two per class room). The visual materials will substitute for color presentations in the printed books which are at the experimental stage and thus will be printed in one color.

A special committee will be formed to approve these books before they are printed. These books are to be reviewed at the end of the project based on feedback information. A period of four months should be enough to develop these books.

Training of the MCE Health Unit

The MOE will establish a health unit that will supervise, coordinate and evaluate the implementation of this project. The director of this unit has already been appointed. Additional staff will be assigned shortly after the start of this project.

As soon as the curriculum is ready a special seminar (100 hours) will be conducted for the Health Unit staff. The seminar will be designed to prepare the staff to assist with the training of classroom teachers who will be teaching the new curriculum on a pilot basis. Thus the seminar will cover the use of the books and training materials developed under the project, the pre-testing and evaluation of these materials, and other administrative and managerial aspects of the project. General health and education subjects will also be covered. The seminar will take place after work hours or over week ends.

Training of teachers

After the core MOE staff has been trained the next step will be to train the classroom teachers who will be testing the curriculum for the first time in classes. Two training courses will be organized to train a total of 40 teachers. Twenty elementary and 20 intermediate level teachers will be chosen to attend 100 hours of intensive training in text context and effective teaching methods developed specifically for this curriculum. At the end of the training the teachers would be qualified to teach health education at a specified level.

Training courses will extend over a three week period and will be held in a boarding atmosphere. Living in a closed environment will facilitate group work, provide against transportation difficulties which might be faced by teachers coming from long distances and provide for more overall intensive training.

The staff in charge of the training courses will be specialists in the field of health and education and will be recruited from known university teachers, writers of the curriculum, authors of the text-books, and specialists in audio-visual aids.

The YMCA's involvement will extend only through the seminar for the MOE's health unit. The training of the teachers will be undertaken by the MOE, either on their own or with A.I.D. assistance.

Organization

The overall planning, execution, supervision, and evaluation of this project will be the responsibility of the Director of Elementary Education at the Ministry of Education. A part time consultant will be hired to assist the director in all aspects related to this project. This consultant should have a good back ground in health education, curriculum planning, developing of teaching material, teacher training, and should have experience in organizing similar projects. The director will also be assisted by the "Health Unit" staff at the Ministry of Education. Lecturers, curriculum specialists, book writers, and specialists will be hired from outside the Ministry whenever the need arises.

the time table for implementing the OPG is:

signing of the OPG	March 15
formation of curriculum review committee	March 20
draft curriculum	Feb. - April 10
revision of curriculum and preparation of final draft	April - May
contact authors	April 15
enter into contracts with authors	May 30
training course for MOE Health Unit	May - July
printing of books	July - August 15

C. Project target group

The 40 teachers chosen for the training will be assigned by the Ministry of Education to specific schools throughout Lebanon to teach health education on full time bases or part time bases. The health program will be introduced to around four hundred classes (grade I -IX) with approximate^{by} 25 students in each class. Twenty to twenty five schools will be chosen for the implimentation of this program. The students in these schools will be given one hour of health education per week. The total number of students benefiting from this program during the project's first year, is expected to be around 10,000 students.

D. Background

Since 1964 the Ministry of Education has been working hard to improve the standard and quantity of governmental schools. This has been done with the overall aspiration

of providing education for every child in Lebanon. The number of elementary and intermediate schools increased from 1184 in 1964 to 1317 in 1974. During the same period of time the number of students has increased from 163,023 to 284,663 in these levels.

The percentage of teachers qualified by attendance at teacher training institutes has increased from 22% in 1968 to 42% in 1974. One mark of progress was achieved when Kindergarten was added to governmental schools in 1971, with more than 650 trained teachers for this level.

Between 1970 and 1974 some specialized administrative offices "Units" were added in the fields of sciences, mathematics and French. Their functions were to train teachers, improve teaching methods and evaluate the teaching program.

In improvements that were made assistance was given by such countries and organizations as Canada, Switzerland, France, the World Bank, UNICEF and UNESCO.

The war has had an adverse effect on the growth and development of the Lebanese school system. Around 50% (583) schools of the elementary and intermediate school suffered some damage. Many schools were occupied by displaced persons and militias. Furniture, equipment and supplies were looted.

The following charts give pertinent statistics:

No. of students at El. & Int. level

Year	Intermediate		Elementary		K.G.	
	total	girls	total	girls	total	girls
73 - 74	75873	35406	179769	83329	29021	14436
76-77	81760	-----	189665	-----	32186	-----
78 - 79	75570	38728	163385	73559	26202	12897

Schools according to levels and languages

Year	Total no. of schools	l e v e l			L a n g u a g e		
		El	Int.	El. & Int	F	Eng.	F & Eng
73 - 74	1317	745	18	554	1218	93	6
76 -77	1316	702	33	501	--	--	--
78 6 79	1266	609	43	614	1178	82	6

BUDGET

I.	curriculum planning		
	A. curriculum plan (150-200 hrs @ \$40-50/hr.)	\$ 7,500	
	B. curriculum review committee (5 people x 40 hrs. x \$50/hr.)	10,000	
	C. contingencies	<u>500</u>	\$ 18,000
II.	development of teaching materials		
	A. development of elementary level books (5)	15,000	
	B. development of intermediate level books (4)	22,000	
	C. printing of 18,000 books	35,000	
	D. production of training charts and posters	12,000	
	E. contingencies/transportation	<u>5,000</u>	89,000
III.	training of MOE Health Unit personnel		
	A. preparation of training program & materials	2,000	
	B. salaries of lecturers (100 hrs. @ \$50/hr.)	5,000	
	C. overtime compensation for MOE staff	3,000	
	D. teaching materials	3,500	
	E. contingencies	<u>500</u>	14,000
IV.	project administration		
	A. project consultant	12,000	
	B. YMCA/Lebanon management	33,250	
	1. program director (part time)		
	2. program assistant (full time, 6 months)		
	3. legal fees (negotiation of contracts)		
	4. secretarial		
	5. stationary		
	6. transportation, office space, depreciation of office machinery, etc.		
	7. miscellaneous		
		<u> </u>	45,250
V.	preparation of project paper for larger MOE project		
		<u>8,750</u>	8,750
			<u> </u>
	total AID contribution		\$ 175,000
	Ministry of Education contribution (staff salaries and space)		\$ 8,000
	YMCA/Lebanon contribution (a portion of management costs)		<u>\$ 8,000</u>
	TOTAL COST OF PROJECT		\$ 191,000