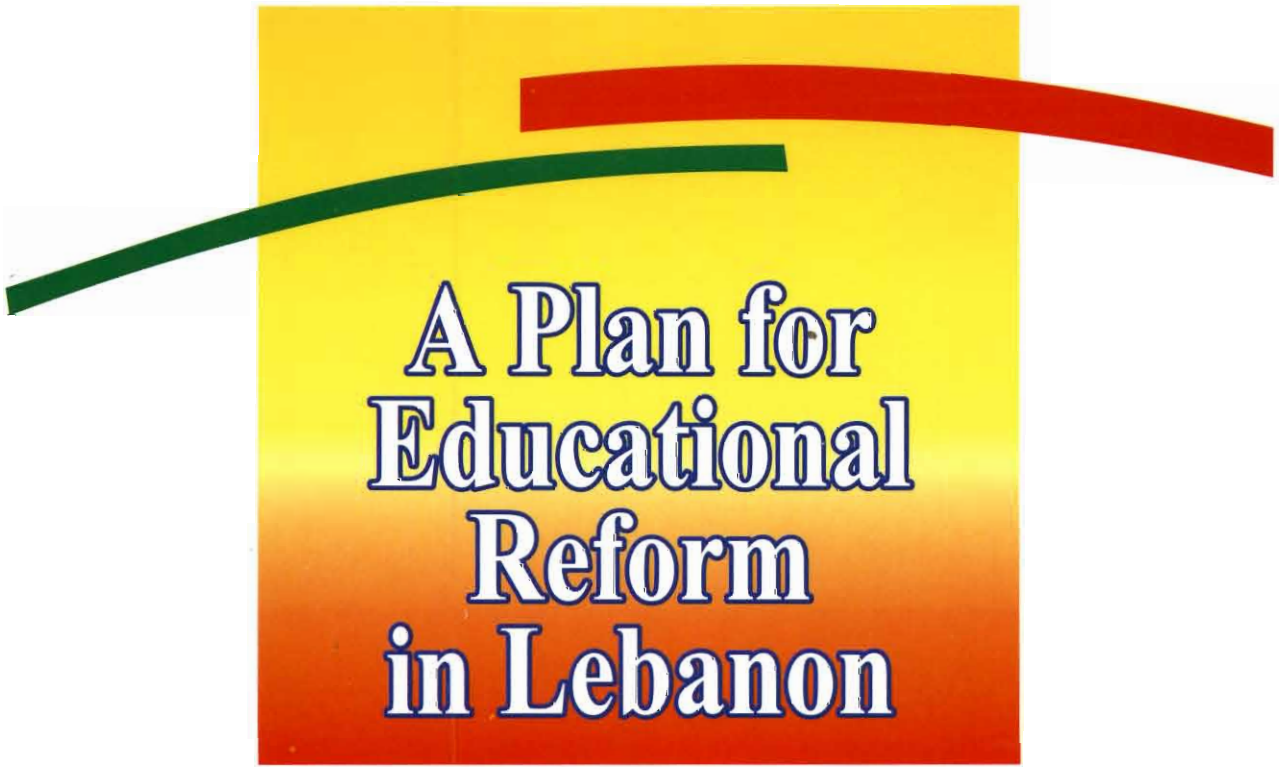




## REPUBLIC OF LEBANON

Ministry of National Education,  
Youth and Sports

The National Center For Educational  
Research And Development



# A Plan for Educational Reform in Lebanon

I

**REPUBLIC OF LEBANON**

Ministry of National Education,  
Youth and Sports

The National Center For Educational  
Research And Development

**A PLAN FOR  
EDUCATIONAL REFORM  
IN  
LEBANON**

**I**

prepared by

**THE NATIONAL CENTER FOR EDUCATIONAL  
RESEARCH AND DEVELOPMENT**

Beirut, May 8, 1994

The rectification of the "Plan for Educational Reform in Lebanon" was carried out by the assigned Ministerial Committee as per the Council of Ministers' decree No. 26/93 dated 10/11/1993.

The ratification was approved by the Council of Ministers' decree No. 15/94, dated 17/8/1994 as shown in the following proceedings of the Council of Ministers' session No. 101:

30 Sept. 1994

**From the proceedings of the Council of Ministers' Session**

Summoned in: Baabda - on: Wednesday - dated: 17/8/1994

**Minutes of the Session**

**The Subject:** A project of "The Plan for Educational Reform in Lebanon".

**The Documents:**

- The decree of the Council of Ministers number 26, dated 10/11/1993.
- A letter from the presidency of the Central Inspection number 2484/S2/94, dated 12/8/1994.
- A letter from the Ministry of National Education, Youth and Sports, number 2944/110 dated 14/6/1994, and its enclosures.

**The Decree of The Council:**

The Council has reviewed the above mentioned documents.

- The documents have revealed that the Council of Ministers has previously decided in the session dated 10/11/93 to form a committee of the ministers Messrs: Michael El-Daher, Michel Eddé, Marwan Hamadeh, Elias Hobeika, Michel Semaha, Hassan Izzeddine, Samir Mokbel, Mohammad Bassam Mortada, Fouad El Seneora, and Anwar El Khalil, for the purpose of studying "the Plan for Educational Reform in Lebanon", which was prepared by the Ministry of National Education, Youth and Sports.
- And that "the Ministry of National Education, Youth and Sports" reports that the said committee has thoroughly given the above mentioned plan a profound study which covered all the details of the major objectives and the intellectual, humanistic, national and social aspects of this project, in addition to the General Educational Objectives and the frameworks of the Educational Policy. Moreover, the discussions have also dealt with the issues of development and operational procedures of the projects and the programmes. Meanwhile, the study of the estimated expenses of the project was completed with the member of the Ministerial Committee, the State Minister of Financial Affairs.
- The Ministry adds that as a result of the discussions and interpositions intervened by the members of the committee with the concerned specialized personnel, very important rectifications were carried out concerning the different parts of the project.

Thus, the Educational Plan Objectives are now aiming at:

- 1 - Strengthening the national affiliation and entity and the spiritual and educational openness, by reconsidering and promoting the educational programmes.

**Minutes of the Session**

- 2 - Providing the new generation with the basic knowledge, experience, and skills, in addition to stressing on patriotism and The Lebanese authentic values, such as freedom, democracy, tolerance and peace.
- 3 - Revitalizing the teaching and training performance in all pre-university teaching cycles.
- 4 - Achieving a balance between the public academic and vocational education, and consolidating their relevance with higher education.
- 5 - Realizing the co-ordination and integrity between education and learning on one side, and the needs of the Lebanese society and the Arab labor market, on the other side.
- 6 - Compatability of scientific progress and technological development, and strengthening the interaction with universal cultures.

Moreover, the Ministry of National Education, Youth and Sports now presents this plan for Educational Reform to the Council of Ministers suggesting the approval to its details.

Accordingly,

And after deliberation,

The Council has decided the following:

The ratification of the previously mentioned plan for the Educational Reform in Lebanon has been rectified by adding the expression "The Arab Lebanese" on Chapter One, section "d", which is related to the basis of the plan, where it becomes "Lebanon from its Authentic Arab Lebanese Civilized Locality".

**To be notified to:**

- The Ministry of National Education, Youth and Sports.
- The Ministry of Culture and Higher Education.
- The Ministry of Technological and Vocational Teaching.
- The Ministry of Finance.
- Directorate-General of Presidency.
- Directorate-General of Prime Ministry.
- Institute of National Archives (records).
- Data Processing Center.
- The Archives (records).

Beirut, 20/9/1994,

General Secretary  
Council of Ministers

**Hisham Al-Shaar**

Exact Duplication

# A PLAN FOR "EDUCATIONAL REFORM IN LEBANON"

## Contents

	<b>Page</b>
<b>Preface</b> - Written by His Excellency the Minister of National Education, Youth and Sports .....	6
<b>Introduction</b> - Major Objectives of the Proposed Plan .....	8
<b>PART ONE</b> - Basis of the Educational Plan .....	9
<b>PART TWO</b> - Domains of the Educational Plan .....	16
<b>PART THREE</b> - Management of the Plan, Method of Implementation, Its Stages, and Estimated Expenses .....	31
<b>Expected Outcomes of The Plan</b> .....	86

## PREFACE

Lebanon's need to planning, nowadays, is of major importance, since it is pulling itself out vigorously from under devastation and destruction. Accordingly, planning is the fundamental pillar through which we can rebuild the developing and productive sectors in different areas, and where Educational Planning, in the general national plan, is a corner stone. Therefore, if it is not achieved in an effective and constructive way, the general revival stumbles, and Lebanon will return to a state of uncertainty or a policy of improvisation.

Educational Reform means revitalizing and developing the individual, and the individual is Lebanon's real wealth which we preserve and appreciate completely, because he has constituted the history of Lebanon, as it is today, and will be later in the future, and through which Lebanon will reappear to present itself efficiently to the Arab World, and consequently to the whole wide world.

From this reality emerges the importance of Education and Teaching in Lebanon, and the necessity to deal with several various problems which effect the educational sector and had accumulated throughout the long years of war, and exceeded beyond all expectations. Within this framework, we herewith list the most important problems which will be discussed in this plan:

- 1 - The absence of a National Policy for Education, and the ambiguity of the aims and objectives of the teaching programmes that it embodies, in addition to the poor linkage between the programmes, the community, and the labor market; which had led in particular to a deterioration in the academic teaching level.
- 2 - Suspension of the teaching programmes since 1968, and their falling behind new teaching methodologies and technological development.
- 3 - The suffering of the educational administration as well as the teaching staff in regard to the following matters:
  - a - Lack of School administration for the trained, well qualified personnel, and its aggravation as a result of the previous events.
  - b - The presence of excessive numbers of teachers vis-a-vis the lack in specialization and experience due, in particular, to the discontinued training during years of service.
  - c - The Unbalanced geographical distribution of teachers which led to overs taffing the cities and urban areas and a shortage in the villages and remote rural areas.
- 4 - Non compliance with architectural and hygienic conditions postulated to be ensured in the school buildings and their equipment.
- 5 - The outstanding lack of equilibrium between academic and vocational and technical teaching as a result of a lack of correct educational and professional guidance and counseling.
- 6 - Absence of active coordination between university and pre-university teaching on one side, and between education and society, on the other side.

Briefly, education in Lebanon suffers from big drawbacks which have seriously increased as a result of the drastic atrocious events since mid seventies.

Considering this fact, and bearing in mind the purpose of realizing a Comprehensive Educational "Reconstruction", we have put forward this plan for "Educational Reform in Lebanon" which will sustain our future Educational Policy and propose the projects to be implemented within the nineties in order to develop the capacities of the Lebanese Citizen, and direct him to serve the nation in the light of an Educational Philosophy based on the Lebanese Constitution enacted by the Constitutional law number (18) issued on 21/9/1990, and based, in letter and spirit, on the provision of "National Reconciliation Document" which the Lebanese accepted in conformity with "AL TAIF Agreement". This plan is set up as a result of the suffering and agony we went through during the previous war, and of the profound faith in the unity of the country and its unification in an operation aiming at forming the One Good Citizen who embodies identity, national loyalty and destiny, and who is a productive Citizen in his homeland no matter where his premises is.

We hope that this plan, the projects, and the executive programmes which it encompasses, will lead to realizing a qualitative change in the Educational and Teaching sectors, and consequently improving the effectiveness of the teaching programmes and the compatibility of this effectiveness with the needs of the society and the requirements for its revival and development to establish a better future.

We consider what has been incorporated in this plan, at this critical stage in our history, an important step to deal with the educational issues in Lebanon in a scientific and serious way which leads to the Revival of the Educational Sector. Of course, this will occur after discussing and ratifying the plan according to the procedures usually followed.

Minister of National Education,  
Youth and Sports

**Michaël EL-DAHER**



# INTRODUCTION

## **The Major Objectives of the Proposed Plan:**

The Educational Plan aims at achieving the following:

- 1 - Strengthening the National affiliation and social coalition, in addition to the spiritual and educational openness, by reconsidering and developing the programmes..
- 2 - Providing the new generation with basic knowledge, skills, and expertise, with an emphasis on national upbringing and the authentic Lebanese values such as liberty, democracy, tolerance, and rejection of violence; moreover, an extra emphasis on youth, sports and artistic activities.
- 3 - Revitalizing the teaching and training programmes in the pre-university teaching cycles.
- 4 - Achieving synergies between formal academic education and vocational and technical education, and consolidating their relevance with higher education.
- 5 - Realizing the co-ordination and integrity between education and teaching on one side, and the needs of the Lebanese society and Arab labor market on the other side.
- 6 - Following up the scientific progress and technological development and strengthening the interaction with various universal cultures.

## **PART ONE**

### **BASIS OF THE EDUCATIONAL PLAN**

# PART ONE

## Basis of the Educational Plan

The plan is based on the principles stated in both the Lebanese Constitution and the "National Reconciliation Document"; Moreover, its intellectual, national, humanistic, and social dimensions, and its political frames are based on the following:

### 1 - The Intellectual and Humanistic Dimensions:

- a - The belief in Lebanon as a Country for liberty, democracy and justice advocated in the Lebanese Constitution and defined and protected by the laws.
- b - The belief in the humanistic values and principles which respect the human being and consider the importance of reason and incite on learning, work, and ethics.
- c - The Lebanese understanding of the meaning of existence springs up fundamentally from the heavenly religions, and the spiritual culture in Lebanon which is personified in the monotheistic religions - a very precious culture which should be safeguarded and cherished. Thus, Lebanon is a model state of interaction of civilizations and spiritual and intellectual freedom, which is contradictory to the doctrines, beliefs and regimes based on human discrimination and religious fanaticism..
- d - Lebanon, from its deep-rooted civilized Arabian location, which is the homeland of openness to international cultures, is adaptable to the era's innovations whenever they do not contradict with the National Culture, the environment and the Lebanese values. In this openness and positive participation in developing these cultures, Lebanon enriches them and in turn, is enriched by them.

### 2 - The National Dimensions:

- a - "Lebanon is a free independent and sovereign nation to all its citizens. It is One in terms of territory, people, and institution within its frontiers" as defined in the constitution and is internationally accepted<sup>(1)</sup>. Its citizens are totally loyal in the framework of an inclusive political unity.
- b - Lebanon retains an Arab identity and belonging. It is an active and an establishing member of both "The Arab league" and "the United Nations Organization", abiding by their rules and by the "Universal Declaration of Human Rights". The state embodies these principles in all fields and domains without any exceptions<sup>(2)</sup>.
- c - "Lebanon is a Democratic Parliamentary Republic, based on respecting the public freedoms, mainly, the freedom of opinion and belief, as well as social justice and equality of rights and responsibilities among all citizens without any preference or distinction<sup>(3)</sup>.
- d - "Education is free in Lebanon", and non governmental educational system is sustained by the Lebanese constitution "as long as it abides by the general laws and does not

---

(1) Introduction of The Lebanese Constitution clause (a)

(2) Introduction of The Lebanese Constitution clause (b)

(3) Introduction of The Lebanese Constitution clause (c)

contradict its ethics nor assault the integrity of any religion or sect; moreover, it is not acceptable to violate the rights of the religions in way of building up their own private schools, as long as they respect and abide by the general rules issued by the state in regard to public educational institutions<sup>(4)</sup>.

### **3 - The Social Dimensions:**

- a - The supremacy of the law over all citizens is the only means of achieving justice and equality among them.
- b - The respect of individual and social freedoms<sup>(5)</sup>, which is guaranteed by the constitution and stated by The Human Rights Charter, is a vital necessity for the eternal existence of Lebanon.
- c - The participation in social and political activities within the framework of the Lebanese Democratic Parliamentary system, is a right for every citizen and a responsibility towards his society and country.
- d - Education is a national priority. It is a social necessity and a comprehensive social work which is various and developing. It is planned for by the government which endures its responsibility or within the framework of the national planning for social and economic development, where compulsory education is enforced gradually until the student completes fifteen years of age.
- e - Learning is a right for every citizen, and the Nation guarantees this right in a manner that it is not limited to school pupils or college students only, but it is to include all age levels and social and vocational groups.
- f - Continuous developing of the teaching curricula in order to suit the personal potentials and abilities of the citizens, and the needs of the society, where hygienic, environmental and demographic education are priorities in the curricula.
- g - The participation of all citizens in the educational process through educational, humanistic, political, economic and social institutions, is a national obligation for the achievement and protection of public interest, and welfare.

### **4 - The General Educational Objectives:**

The general educational objectives in Lebanon are a continuity to the previously mentioned dimensions. These objectives concentrate on the formation of a citizen who:

- a - Feels honoured in his country Lebanon, and boasts of his loyalty and belonging to it.
- b - Is proud of his Arab identity and belonging, and his commitment to them.
- c - Personifies his spiritual heritage rooted in the heavenly religions, and is attached to the humanistic values and morals.
- d - Is aware of his national heritage to develop his present conditions and reflects upon his future.

---

(4) The Lebanese Constitution, article, (10).

(5) National Reconciliation Document - Other Reforms Section - Clause (e)

- e - Recognizes his long national Lebanese history, emancipated from the fanatic beliefs to attain a unified, open, humanistic society.
- f - Realizes the importance of co-existence among all citizens since "there is no legality to any authority that contradicts the Document of co-existence"<sup>(6)</sup>, for the Lebanese Practice remains a unique leading model in the region and in the whole wide world.
- g - Respects personal and social freedoms, encourages individual and group productive initiatives, and preserves others' rights and properties.
- h - Adheres to the Arabic language, the mother tongue, and consequently is capable of using it perfectly and efficiently.
- i - Masters at least one foreign language as an effective interaction with the international cultures to enrich these cultures and be enriched by them.
- j - Interacts and co-operates with his fellow countrymen in order to achieve a democratic society which promotes the spirit of healthy competition and leads to justice and welfare in accomodation with scientific and learning progress.
- k - Consolidates peace in himself, through the relationships among individuals, and through national and social relationships.
- l - Practises according to the hygienic rules which lead to a healthy growth, physically, spiritually, and ethically.
- m - Works on cultivating his educational and technological background, in developing his basic capacities, and strengthening his aesthetic faculties.
- n - Is capable - through the educational process, guidance and counseling - of independent choice of the future profession and developing it through personal education and other means.
- o - Is aware of the importance of utilizing modern technology, developing it, and interacting with it vigilantly and skillfully in notion, practice, conduct and evaluation .
- p - Perserves Lebanon's natural resources and exploits them in a balanced manner in the process of reviving the society materially and morally.
- q - Preserves the natural environment and works on protecting, improving, defending and maintaining it continuously.
- r - Understands the reality of his social environment and interacts with it effectively, and pursuing on developing its local skills and handicrafts.

##### **5 - Framework of the Educational Policy:**

The framework of the educational policy is based on the following principles:

- a - The fact that child education is a joint responsibility incumbent on the family, the state, and the community.
- b - Promoting formal education through:

---

(6) Introduction to the Lebanese Constitution - Clause (j).

- 1) Providing a progressive educational administration, which is dynamic, flexible, and based on centralization of public planning and follow up by the concerned ministries: (Ministry of National Education, Youth and Sports, Ministry of Vocational and Technical Learning and Ministry of Culture and Higher Education), and decentralization in implementation and evaluation by each ministry.
  - 2) Encouraging citizens to play an effective role, and to contribute in supporting this teaching and supplementing its requirements when needed.
  - 3) Providing all devices which lead to the upholding of formal teaching all over the Lebanese territories, particularly rural areas.
  - 4) Executing the "School Grouping Project".
- c - Protecting private teaching sector and corroborating the state's supervision over private schools<sup>(7)</sup>, in conformity with the rules of article ten in the constitution and with the effective rules and regulations, to serve the purpose of National Agreement through a comprehensive educational environment contributing to the project of rebuilding and developing of Lebanon.
- d - Emphasizing the importance of integrity between public and vocational and technical education, and strengthening their liaison with higher education.
- e - Developing the teaching curricula in order to:
- 1) Aim at building one whole unified Lebanese society, cohesive and capable of practising its humanistic civilized role in the world wide community in general, and in the Arab community in particular.
  - 2) Supplying the learner with collective attitudes, values, knowledge, and skills, through teaching technology and introducing it into school courses<sup>(8)</sup>.
  - 3) Focusing on the Arabic Language, being the mother tongue and a means of historic, social, cultural and scientific continuity.
  - 4) Emphasizing foreign languages which are a means of openness to various civilizations, cultures, and sciences, and a means of strengthening economic interdependence as well.
  - 5) Developing school textbooks on the basis of providing academic formative education and complying with the requirements of scientific progress and technological development.
  - 6) Developing the concept of educational evaluation in school exams (in classes) and official exams in accordance with the requirements of higher education and labor market.
- f - Amalgamation of both history and civics textbooks<sup>(9)</sup>, and compelling their teaching in all schools; public and private to strengthen the national belonging and unity.

---

(7) National Reconciliation Document, "Other Reforms Section", section "h" article no. 3.

(8) This education is known as "Formative Education".

(9) National Reconciliation Document, "Other Reforms Section" - section h - article No.3

- g - Enhancement of the teaching profession, by rewarding teachers with promotions, higher salaries, public recognition, and by supervising and monitoring them in order to increase the level of their teaching productivity.
- h - Raising the standard of teaching outcome in all stages by reconsidering teachers' training programmes at their various categories and specializations, and training the in-service teachers in both private and public sectors.
- i - Improving teacher training methodologies and rehabilitating directors of public schools periodically and granting them more authority, autonomy and incentives.
- j - Accomodating a number of school buildings in accordance with the Lebanese Comprehensive Schools (LCS)<sup>(10)</sup> to enable them assimilate special teaching cases.
- k - Preparing special programmes for distinguished students in all teaching cycles.
- l - Generalizing the benefit of using mobile laboratories (science, mathematics, languages), and providing the necessary equipments and other teaching and training materials for official schools and teachers' training colleges, as reliable teaching sources.
- m - Utilizing television , radio and educational computer at school and putting them in the service of education.
- n - Paying ultimate care and attention to the kindergarten cycle in regard to:
  - 1) Equipping them with the convenient educational materials.
  - 2) Raising the level of educational qualifications and professional skills of kindergarten teachers.
  - 3) Identifying the artistic, educational and hygienic requirements for kindergarten buildings and implementing them in all schools.
- o - Identifying the artistic (architectrual) specifications and educational and hygienic conditions for school buildings.
- p - Consolidating the role of instructional communication media and considering it an important factor in the educational reform process for the purpose of strengthening the unity of the nation and the fusion of its citizens, and to raise parents, students, and citizens' awareness towards education, professions, science and culture.
- q - Emphasizing the co-operation and co-ordination with volunteer working committees in the process of teaching adults and abolishing illiteracy.
- r - Developing educational, youth, sportive, and artistic services and activities in and outside schools, and encouraging the openness of the school to its environment by having fruitful mutual co - operation between school administration and local associations.

---

(10) LCS - Lebanese Comprehensive School.

## **PART TWO**

### **DOMAINS OF THE EDUCATIONAL PLAN**



## **PART TWO**

### **Domains of The Educational Plan**

In reference to the basis of the Educational Plan, its objectives, and its political and social frameworks, the domains of the plan are distributed according to the following priorities:

- 1 - Educational administration and school administration
- 2 - The teaching programmes.
- 3 - The school textbook.
- 4 - The teaching materials & devices.
- 5 - The teacher.
- 6 - The school buildings.
- 7 - The special teaching.
- 8 - The youth and sports activities.
- 9 - The educational services - educational guidance and educational media.

# 1 - Educational Administration and School Administration:

## The Frameworks and General objectives

## The Practical Procedure

(1) Provide a developed educational administration, dynamic and flexible, based on centralized general planning and a follow up by concerned ministries: (Ministry of National Education, youth and Sports, Ministry of Technical and Vocational Education, and Ministry of Culture and Higher Education), and on de-centralization in implementation and evaluation on behalf of each ministry.

(1) Reconstruct a new diagram for the Ministry of National Education including all its public administrations and connected institutions, taking into consideration the following principles regarding:

- a - Centralization of artistic and technical educational matters.
- b - Decentralization of the administration.
- c - Filling up all vacancies in the administration.

(2) Activate the role of the school director and rehabilitate him continuously.

(2) Accord the school director with academic, administrative and financial authorities, set the legislative laws needed for that, and identify the conditions and criteria for selecting the directors.

- Develop a special administrative staff to look after the kindergarten cycle.

(3) Encourage the society to undertake an active role which contributes to the revival of public teaching on all the Lebanese territories, especially in rural areas, and provide the requirements for this teaching when necessary.

(3) Set-up new rules for the participation of the citizens and the municipalities in developing local schools and supporting official teaching.

(4) Rehabilitate all workers in administration, inspection, and counseling within the principle of continuous training.

(4) Set-up new frameworks for educational inspection and guidance, and find the practical connection between the staff of inspection, counseling and the educational administration.

(5) Develop the administration of educational evaluation and official examinations, and increase its effectiveness.

(5) Mechanize the work of the educational administration, and its services, and generalize the use of administrative and financial data processing in all educational districts.

- Extend the use of computer to include the performance of the educational and school management at the same time.

- Organize specific training workshops and courses for all workers in the

**The frameworks and general objectives**

**The Practical Procedure**

---

educational administration and counseling.

- Accord the Exams Department to a Directorate or "Sub-directorate" level.
-

## 2 - The Teaching Learning Programmes

### The frameworks and general objectives

### The practical procedures

---

(1) Develop the teaching structure (the teaching scale) to meet the general educational objectives of the plan in particular, to strengthen the connection between pre-university and higher teaching, and realize the practical balance between public teaching on one side and the vocational and technological teaching on the other side.

---

(1) Setting a developed teaching scale.

(2) Develop the teaching programmes in order:

a - To reinforce the unity and the national coalition.

b - To match with the potentials of the individual and his expectations, and with the present and expected needs of the society through connecting the curricula to the labor market and developmental needs.

(2) Set up new forms for the curricula and specific objectives for each subject matter in the pre-university cycles listed in the new teaching scale.

The contents of the curricula should serve:

a - The consolidation of the national unity and coalition through unifying both history and civics textbooks.

b - The ability to develop self-learning skills and practice technological methods.

c - Consolidate national, hygienic, environmental, artistic, rural and sports education.

d - Strengthen the Arabic language and give attention to foreign languages as well.

---

(3) Continuous evaluation and development of the programmes.

(3) Formation of local trained specialists, and benefit from national experiences scattered all over the world, and from the international experiences, in order to achieve continuous evaluation and development to the designed programmes.

---

(4) Develop the teaching programmes to assimilate special teaching stages.

(4) Provide adequate teaching methods which guarantee the facility of special teaching.

---

**The frameworks and general objectives****The practical procedures**

---

(5) Develop the Understanding of the educational evaluation, the school and official examinations for secondary and intermediate certificates in accordance with the requirements of higher education and the labor market.

(5) Train the members of the teaching staff according to the contents of the new teaching curricula and rehabilitate those participating in the official examinations to apply the modern methods of measurement and evaluation.

---

### 3 - The Domain of the School Textbooks

#### The frameworks and general objectives

#### The practical procedures

- (1) Develop the technology of local school textbooks industry, in writing, production and printing, especially the national school textbook issued by the "Center for Educational Research and Development" in order to:
- a - Provide Formative<sup>(\*)</sup> school education.
  - b - Address the mind of the student and be enjoyable to read.
  - c - Adapt the requirements of science and its development and cope with technological development, to unify the citizens and develop their sense of friendship, sympathy, and co-operation.

- (1) Set new criteria for publishing local school textbooks,
- according to the new educational programmes, their production, pricing, marketing and evaluation.
  - Organize special training sessions for workers in the national textbook industry in writing, production, marketing and evaluation.
  - Apply successful global experiments in the fields of writing textbooks of science, mathematics, technology and Arabic and foreign languages.
  - Prepare and produce two modal series: One for history and the second for civics and national upbringing to be used in all pre-university cycles.
  - Supervise the foreign school textbook and submit them to advanced approval before being used in all Lebanese schools according to a legislative law which will be set in this regard.
  - Supervise local school textbook, and submit their blueprints to an advanced approval with specifications defined in accordance to a regulation set up for this purpose as per the above article.
  - Activate the units concerned in pricing and controlling the school textbook through issuing the necessary legislations in this regard<sup>(\*\*)</sup>.
  - Prepare and produce the educational portfolio for the kindergarten cycle.
  - Set up a plan and a schedule for the production of the National school textbooks series in the secondary cycle and implement it gradually.

(\*) Formative education, unlike the informative, provides the teacher with a combination of values, knowledge and expertise, where the knowledge itself is not limited to understanding of information and explanation, but extends to its application, analysis, evaluation and classification in accordance with understanding of technology as a special process of thinking.

(\*\*) Planning the process of pricing and control should be applied in co-operation with the concerned systems in the Ministry of Economics and Commerce.

**The frameworks and general objectives**

**The practical procedures**

---

- Set up the artistic file to ensure continuous support to the national school textbook.
  - Set up a developed policy for the production of the national school textbook.
-

## 4 - The Teaching Materials

### The frameworks and general objectives

### The practical procedures

---

(1) Generalize the benefits of the mobile laboratories (mathematics and sciences) which the technical group in the "Center for Educational Research and Development" has previously designed and experimented some of its samples in the Teacher Training Colleges (T.T.S.).

---

(1) Provide pre-secondary schools with mobile laboratories (sciences and mathematics) wherever it is difficult to provide fixed laboratories.

(2) Completion of equipping the secondary schools laboratories with laboratory equipment and audio-visual instruments.

(2) Produce teaching portfolios, consisting of audio-visual recordings (televised), slides, prints, paintings, posters, bulletins, printed matters and others that support the curricula and the school textbook.

- Produce "Summer Vacation" work books and copybooks for the basic teaching cycle, accompanied with technical educational sets.
  - Produce variable educational materials: maps, posters, laboratory equipment, cubes, and others, to complement and support the academic programmes.
  - Equip special halls, (libraries, laboratories, multi-purpose halls, technical workshops...) with furniture, laboratory equipment and audio-visual devices.
  - Organize specialized training workshops to provide artistic and technical cadres to be in charge of the scientific laboratories and artistic workshops and others.
  - Use the Teachers' Training colleges as centers for gathering information about the teaching technologies and also training teachers how to use it perfectly.
- 

(3) Reinforce education at kindergarten level and provide it with appropriate educational materials.

(3) Provide kindergartens with educational equipments which help the growth of the child's potentials in connection with the environment.

---



## **The frameworks and general objectives**

## **The practical procedures**

---

(4) Experiment the use of "instructional T.V. " and "the computer for learning" and put them at the disposal of the teaching learning processes.

(4) Implement the experiment of the "computer for learning" in order to circulate it and use it as a learning device, and produce the appropriate programmes suitable for the contents of the settled teaching programmes.

- Implement the experiment of "instructional television" for teaching different subject-matters, especially languages.

---

(5) Develop a "Management Unit" specialized in the production of teaching materials and equipments at inexpensive prices, within the framework of the "National Center for Educational Research and Development", and with the cooperation and coordination of the department concerned in the Ministry of Vocational and Technological Education.

(5) The "Management Unit" produces these materials for the purpose of providing schools with them at inexpensive prices employing the local environmental resources.

---

## 5 - The Teacher

### The frameworks and general objectives

### The practical procedures

---

(1) Develop a strategy of formation and training, and modernize it in accordance with the aims of upraising the teaching level.

(1) Reconsider the educational legislations concerning the programmes of formation and training, and formulate new theories regarding in particular:

- Modification of the conditions of recruiting students in Teacher's Training Colleges in all specializations, in addition to the period of formation.
- Formulating new programmes and courses for Teachers' Training Colleges.
- Launching the project of "continuous training" and ensuring the requirements for its success.

---

(2) Realize practical and realistic equilibrium between the number of teachers and the needs of public teaching.

(2) Re-distribute the members of the teaching staff in accordance with their specialization and the local needs.

---

(3) Enhance the teacher's profession financially and morally, and raising his awareness about his basic role in the teaching/learning process and the need to periodic training workshops on methodologies, supervision and counseling, gearing at last to improve his educational output.

(3) Set up financial and social incentives to encourage the teachers to teach in rural areas and remote regions.

- Reconsider teaching cadres, salaries and degrees heading to create a unified cadre for formal teaching.
  - Set up basis and criteria in order to be fair to those instructors or professors in pre-secondary levels who hold the "licence" degree or high technical specialization or their equivalent, and to promote and raise their categories and scales.
  - Set up moral and financial incentives to encourage teachers and professors to follow up training sessions.
  - Set up a practical policy to encourage the construction of a "residential co-operative" and "teachers' and professors' clubs" in varying regions.
-

- Reconsider the map of the dissemination of teachers' colleges to be compatible with the educational and developing role of the teachers' colleges, and consequently considering it one of the basic resources for teaching.
  - Reconsider the regulation of reward and punishment aiming at creating financial and moral incentives for a successful and efficient teacher.
-

## 6 - School Buildings

### The frameworks and general objectives

### The practical procedures

- 
- |   |   |
|---|---|
| <p>(1) Construction of new school buildings and restoration of the damaged public schools in the purpose of:</p> <ul style="list-style-type: none"><li>a - Gradual implementation of compulsory learning up to the end of the intermediate cycle.</li><li>b - Widening the spread of free official learning.</li><li>c - Gradual interdiction of the current interval system applied in a number of schools of the big Lebanese cities.</li><li>d - Accomodating school buildings to enable the acceptance of handicapped students and pupils who have the capacity for learning.</li></ul> | <p>(1) Reconsider the "School Grouping Project", and set a school map for this<sup>(*)</sup>, in order to implement it.</p> <ul style="list-style-type: none"><li>- Set up an educational and technical file as a module for the suggested schools buildings which includes the architectural specifications and conditions in order to accomodate the prerequisites of enrolment to the handicapped students.</li><li>- Set up an educational and technical file to construct and rehabilitate a number of pioneer schools - (Lebanese Comprehensive School)<sup>(**)</sup>.</li></ul> |
| <hr/>   |   |
| <p>(2) Develop "Economical Samples" for school furniture in the light of the latest experiment of the "Center for Educational Research and Development".</p>  | <p>(2) Set up an educational, and technical file as a pattern for school and administrative furniture (catalogue of the school and the educational administration furniture).</p>   |
| <hr/>   |   |
| <p>(3) Rehabilitate sportive buildings and other sport utilities and reconstruct the "Sportive City".</p>   | <p>(3) Set up the programme related to rehabilitating and constructing the sportive buildings and utilities and the "Sportive City", for implementation in accordance with the plan prepared for this purpose in collaboration with the "Council for Development and Construction".</p>   |
| <hr/>   |   |
| <p>(4) Rehabilitate the present "Teachers' Colleges" and construct new buildings.</p>   | <p>(4) Put the programme related to both, the rehabilitation of teachers' colleges buildings, and constructing new buildings, in the map of schools distribution in the various districts.</p>  |
- 

(\*) This is done in collaboration and co-ordination with the "Council of Development and Construction" according to the "Economical Revival plan - around the Year 2000".

(\*\*) Review "The New Teaching Scale - around the Year 2000". Suggested by the "National Center for Educational Research and Development".

## 7 - Special Teaching

### The frameworks and general objectives

### The practical procedures

---

(1) Giving the handicapped who have the ability for learning the right to enrol in ordinary schools - regular or irregular.

(1) Set legislations that reserve the rights of the handicapped who have the ability for learning to enrol in ordinary schools - regular and irregular.

---

(2) Rehabilitate the school environment, technically and socially to receive the handicapped with limited movements.

(2) Prepare the school environment for the purpose of integrating the handicapped.  
- Organize Campaigns to awaken and inform educators and the workers in education about the capabilities and potentials of the handicapped.

---

(3) Pay special attention and care to the academically ingenious and talented by drawing special developed educational programmes for them.

(3) Issue legislations that guarantee the care for the ingenious and talented and specialize them through developed educational programmes (ingenious programmes) to guide and monitor them.

---

## 8 - Youth and Sports Activities

### The frameworks and general objectives

### The practical procedures

---

(1) Develop youth and sports curriculum and extra-curricular services and educational activities in all schools.

(1) Extend the basis for volunteer work in schools and encourage students to participate in environmental educational, scientific, technical, sportive, scout, and hygienic activities and others in and outside the school.

---

(2) Openness of the school to its environment and activate its role in the educational, youth, sports activities and social services.

(2) Organize and encourage school clubs and provide them with the necessary support, considering that special rules are set for them.

---

(3) The fruitful co-operation between the school administration and the community, through parental committees, charitable associations, clubs, and the like.

(3) Encourage the organization of "Alumni-Clubs."

- Set developed educational scout programmes and upgrade their role.
- Rehabilitate the teachers, social workers, scouts, and sports leaders to improve their qualifications in the management of various educational activities.
- Involve the parents, and sports and educational clubs in school activities.
- Organize artistic shows and scientific educational symposiums and conferences that aim at awakening the students about the dangers of drugs and other bad social habits and introduce plays to develop their ingenious abilities and strengthen national spirit.
- Celebrate, organize and actively participate in national occasions.

---

## 9 - Educational Services

### The frameworks and general objectives

- (1) Upgrade the role of instructional media considering it an important factor in the educational reviving campaign which aims at the unification of the nation and the fusion of its citizens and also at awakening the population and guiding them culturally, educationally, professionally and scientifically.

### The practical procedures

- (1) Re-consider the "Educational Television and Broadcasting Station" project in the "National Center for Educational Research and Development" from the following sides:
  - a - Participation of the Ministry of Information, the Ministry of Education and the Ministry of Technical and Vocational education in this project through their executive committees.
  - b - Rehabilitating the "Television Studio" in the "CERD" and constructing a broadcasting studio to serve the settled National programmes.
    - Production of radio and television programmes relevant to national and general educational aspects which serve the implementation of this plan.
    - Follow up the publication and development of the educational bulletin issued by "The Center for Educational Research & Development".
    - Publishing and distributing National and Educational expressive posters on national occasions to all institutions and to the Educational Sector.
    - Equipping the printing press of the "CERD" and accomplishing it to meet the Educational printing needs, including the national school textbook and the national and educational information at the lowest expenses.
    - Follow up school educational activities and conventions that deal with local and global educational activities.
    - Organizing informative campaigns to fight drug addiction and other bad social habits.

## **CHAPTER THREE**

### **The Management of The Plan, Method of Implementation, Its Stages And Estimated Expenses**



## CHAPTER THREE

### The Management of the Plan, Method of Implementation, its Stages and Estimated Expenses:

#### 1 - The Management of the Plan:

- a - Following a decision by the "Minister of National Education, Youth and Sports", a Committee of Consultants will be established, consisting of specialists and workers in the units directly connected to the minister, and of specialists and workers in the institutes and administrations concerned with education, teaching, researches, planning, and developing affairs in various fields, on condition that the task of this staff will be defined following the decree of its assignment.
- b - The management of the implementation of the plan will be assigned to a working group consisting of the Council of Specialists and heads of the offices in "the National Center for Educational Research and Development", on condition that regulations and versions followed in the "CERD" and in the "Specialized Administrations" will be referred to when executive decrees regarding the plan are taken.

#### 2 - The Method of Implementation:

- a - The first stage - with a duration of three years, includes:

**First:** Preliminary studies accompanying the plan.

**Second:** Urgent projects in developmental domains.

- b - The second stage, with a duration of three years. It includes the new projects, and a follow up of the incomplete projects in the first stage.
- c - The third stage, with a duration of three years. It includes new projects, and a follow up of the incomplete projects in the previous two stages.

The transition from one stage to another includes comprehensive evaluation of implemented projects in the previous stage and new planning - if necessary - for the following stage, in the light of what has been implemented and in accordance with the educational development and requisites of the present and expected economical situation.

## **A - THE FIRST STAGE**

**FIRST: Preliminary studies  
Accompanying The Plan**

## **First: Preliminary Studies Accompanying the Plan**

**Introduction:** The plan of the project is based on the following:

- 1 - The constitutional and legal legislations and the National Agreement act which defined the national options.
- 2 - The results of the studies, researches and statistics performed by the CERD which covered the effectiveness of the educational system, the structure of the educational system, recruitment of the educational system, the student planning for his vocational future, the effectiveness of the school director, the impact of war on the Lebanese child, development of educational philosophy, and other studies which rotated around the teaching curricula, school buildings, the devices and school equipment, social researches and the statistical reports which covered the period between 1972 and 1993, and private teaching sector as well.
- 3 - Educational surveys of Lebanon carried out by international or local institutes, in addition to the reports of the educational conferences and various symposiums, especially those which were held during the period between 1986 and 1993.

With the evaluation of the practices and procedures it includes; all this requires accomplishing studies, researches, and basic statistical and analytic surveys aiming at assessing the preceeding data and providing the experts and the responsables for the implementation of the plan with the necessary information which enables them to carry out the reliable evaluation and the accurate inspection of the results of the projects which are continuously implemented, and consequently, realize the relevance and harmony between the decreed educational principles and options in this plan and its stated executive procedures.

- The basic proposed studies for implementation were defined in accordance with the following table:
- In addition to the studies, researches and documents stated above, the process of implementation and evaluation of the plan continues,

**Table of Preliminary Studies for the Plan of "Educational Reform In Lebanon"**

Title	Kind	The side directing the plan		Period of implementation	Dimensions related to this study
		In the CERD	Outside the CERD		
1 -The Framework of Teaching in Lebanon - The Teaching Scale	Fundamental	CERD	CERD	3 months	<ul style="list-style-type: none"> <li>- Teaching curricula</li> <li>- The teacher</li> <li>- Special teaching</li> <li>- Youth and Sports activities</li> </ul>
2 -Comprehensive Educational Statistic - Scholastic Year 94 - 95	Statistic and Analytic	CERD	CERD	12 months	<ul style="list-style-type: none"> <li>- Educational and Scholastic Administrations</li> <li>- School TextBook</li> <li>- Teaching aids and materials</li> <li>- The Teacher</li> <li>- School Buildings</li> </ul>
3 -The Social Survey in Lebanon	Statistic and Analytic	CERD	CERD	18 months	<ul style="list-style-type: none"> <li>- School Buildings</li> <li>- Special Teaching</li> <li>- Youth and Sport activities</li> </ul>
4 -Labor market in Lebanon and its needs	Statistic and Analytic	CERD	CERD	18 months	<ul style="list-style-type: none"> <li>- Teaching curricula</li> <li>- School TextBook</li> <li>- Teaching materials</li> <li>- Educational Services</li> <li>- Educational guidance and media</li> </ul>
5 -The problems of the Lebanese child and his needs - - The War results -	Statistic and Analytic	CERD	CERD	16 months	<ul style="list-style-type: none"> <li>- Teaching curricula</li> <li>- Teaching materials &amp; devices</li> <li>- special Teaching Youth and Sports Activities</li> <li>- Educational Services</li> <li>- Educational Guidance and media.</li> </ul>

## 1 - The Framework of Teaching in Lebanon - "The Teaching Scale".

### - The Objectives and Method of Implementation:

This Study aims at setting a new scale for the teaching system in Lebanon , specifying the cycles of educating the Lebanese child, starting from the earliest months of his formation, all through the stages of his learning, until university level, indicating the age of the students in each scholastic year within these cycles, in addition to the channels the student might choose in order to ensure his vocational future.

The National Center for Educational Research and Development organizes three symposiums during which it puts forward the project of the suggested teachers' scale to discussion and consequently finalizing the proposed study.

---

### The Estimated Cost:

- Symposiums expenses: $15 \times \$40 \times 2 \text{ days} \times 3 \text{ symposiums} =$ .....	\$3600
- Publications and secretarial expenses, etc.....	Provided from the Center's budget
- Miscellaneous Expenses .....	Provided from the Center's budget
- Setting a final script of the study: $2 \text{ Researchers} \times 200 \text{ hrs} \times \$10 =$ .....	<u>\$4000</u>
Total = .....	\$7600

---

### P.S:

- The wages of the experts and researchers are deducted from the government's cadres at 50%
- The wages of researchers from the CERD are not deducted.

## 2 - The Comprehensive Educational Statistics for the Scholastic Year 1994 - 1995.

### - The Objectives and Method of Implementation:

This statistical and analytic study aims at gathering information about the students and teachers of all educational institutions whether they are instructional institutions like schools, universities, rehabilitation centers, and vocational formation, or specialized teaching institutions in both public and private sectors. It also aims at gathering information about school buildings, equipment, teaching aids and the teaching levels related to teachers, the students, the textbooks and the scholastic and official examinations, and consequently, analyzing the statistical numbers into educational cases which lightens the attitudes regarding real educational status.

This study will be carried out by the "Department of Statistics" in the National Center of Educational Research and Development in co-operation and coordination with the processing data in the CERD, and groups of investigators, inspectors and trainers from outside the CERD. The assistance of specialized establishments could also be demanded.

---

### - The Stages of implementation:

The Study lasts /12/months, to be implemented in four stages:

**First:** Preparing the questionnaires, forming and training the survey groups....1½ month

**Second:** Carrying out the survey process.....3 - 4 months

**Third:** Deliberating of the statistics and analyzing their results.....4 months

**Fourth:** Printing the manuscripts and publishing a yearly report of statistics....2½ months

---

### - The estimated cost:

- Wages of experts = 1 expert × 600 hrs. × \$10 (2 are available in the Center).....\$ 6000
- Wages of investigators = 120 × 3 months × \$300 per month.....\$108000
- Wages of auditors.....(available in the center)
- Processed data.....(available in the center)
- Publications.....(available in the center)
- Miscellaneous expenses.....\$ 4000

Total = \$118000

---

### P.S:

- The wages of the experts were deducted from the government's cadres at 50%
- The wages of the experts and workers from the CERD were not deducted.

### 3 - The Social Survey in Lebanon

#### - The Objectives and Methods of Implementation:

This statistical and analytic study aims at providing statistical data about the demographic population status, the status of the handicapped, vocational illiteracy, the drug addicts, the unemployed and other things which call for quick resolutions in the light of the proposals made by the plan, and, consequently, analysing the results and defining the aims and objectives.

This study is carried out under the supervision of the "National Center for Educational Research and Development» and in co-operation and co-ordination with the public and private sectors which are concerned, with social and humanistic matters, and with committee groups which include intellectuals, educators and specialists in the fields of economics and social studies, assisted by a working group of trained investigators and auditors.

---

#### - The stages of implementation:

The period of the study is eighteen months, divided into four stages:

**First:** Preparing the questionnaires, forming and training the survey groups.....2 months

**Second:** Performing the survey process.....9 months

**Third:** Deliberating the statistics and analysing the results.....4 months

**Fourth:** Printing and publishing the study.....3 months

---

#### - The estimated cost:

- Director of the project =  $1 \times 1800 \text{hrs} \times \$10 = \dots\dots\dots \$ 18000$

- Wages of social and economic experts =  $3 \text{ experts} \times 900 \text{ hrs} \times \$10 = \dots\dots\dots \$ 27000$   
( 3 experts are available in the center)

- Wages of researchers in different specializations =  $8 \times 900 \text{ hrs} \times \$8 = \dots\dots\dots \$ 57600$

- Wages of investigators =  $150 \text{ investigators} \times \$300 \times 6 \text{ months} = \dots\dots\dots \$270000$

- Wages of auditors =  $14 \text{ auditors} \times \$200 \times 6 \text{ months} = \dots\dots\dots \$ 16800$

- Data processing = .....provided by the Center

- Printed matters (publications) = .....provided by the center

- Miscellaneous expenses = .....\$ 5000

Total = \$394400

---

#### P.S:

- The wages of the experts and researches are deducted from the government's cadres at 50%
- The wages of the employees from the CERD, are not deducted.

#### 4 - Study of the labor Market and Its Needs:

##### - The Objectives and Methods of Implementation:

This statistic and analytic study aims at the following:

- a) Gathering statistical data about the different kinds and levels of careers that are deployed in all kinds of institutions on the Lebanese territories in general, and especially in the sectors of industry, agriculture, and social services.
- b) Setting up detailed tables showing the kinds of careers and the surveyed institutions' technical levels.
- c) Setting up a technical Atlas for the schools and other institutions including a collection of six maps (six provinces) and a comprehensive map of Lebanon as a whole. It includes information clarifying the relation of the institutions for development with the vocational schools (the maps should be illustrated with the help of the results of the comprehensive educational statistics).
- d) Defining the needs of the labor market based on the present situation and future expectations in Lebanon and in the East Arab world.

The implementation of this study is supervised by "The National Center for Educational Research and Development" in co-operation with the concerned public administrations (the Ministry of Labor, the Ministry of Industry, the Council of Development and Construction, and the General Directorate of Vocational and Technical Teaching), and is implemented by an experienced and specialized group in economic, social studies, and statistics from outside the CERD, assisted by a number of trained investigators and auditors. Here, it is more desired to seek the experiences of trained technicians in vocational schools.

---

##### - The stages of implementation:

The period of the study is /18 months/ implemented in five stages:

<b>First:</b> Preparing the questionnaires forming and training the survey groups.....	2 months
<b>Second:</b> Accomplishing the survey process.....	6 months
<b>Third:</b> Accomplishing the survey process.....	6 months
<b>Fourth:</b> Setting the needs according to a priority scale.....	2 months
<b>Fifth:</b> Printing the study and publishing it.....	2 months

---

##### - The estimated cost:

- Director of the project = $1 \times 1800 \text{ hrs} \times \$10 =$ .....	\$ 18000	
- Wages of social and economic experts = $16 \text{ experts} \times 800 \text{ hrs} \times \$10 =$ .....	\$128000	
- Wages of investigators = $60 \text{ investigators} \times \$300 \times 4 \text{ months} =$ .....	\$ 72000	
- Wages of auditors = .....	(available at the Center)	
- Data processing = .....	(available at the Center)	
- Artistic work = .....	\$ 16000	
- Miscellaneous expenses = .....	\$ 10000	
Total.....		\$244000

---

##### P.S:

- The wages of the experts and workers are deducted from the government's cadres at 50%
- The wages of the employees from the CERD, are not deducted.



## 5 - Problems of the Lebanese Child and His Needs - as results of the Lebanese War:

### - The Objectives and Methods of Implementation:

This study deals with the situation of the Lebanese child from the age of three until fifteen years old in regard to the impact of the Lebanese war on his physical structure and on his social, psychological and active behavior. In this case, it aims at diagnosing the situation of the children in order to define their problems and needs, which lead to suggesting the suitable solutions for each problem within the frame of practical programs.

The execution of this study is supervised by "The National Center for Educational Research and Development" in co-operation and co-ordination with the private associations which are mainly concerned in the child welfare. It is carried out by a working group from outside the CERD and by experts specialized in the fields of education, sociology and psychology assisted by a group of well trained investigators.

---

### - The stages of implementation:

The period of the study is /16 months/ implemented in four stages:

- First:** Preparing the questionnaires, including theoretical hypothesis and training of investigators.....2 months
- Second:** Carrying out field investigations on children from different ages (3000 child).....6 months
- Third:** Data analysis and debriefing the results.....2 months
- Fourth:** Defining the problems, classifying the needs and suggesting the solutions in a framework of practical programs.....4 months
- Fifth:** Printing and publishing the study.....2 months

---

### - The estimated cost:

- Director of the project =  $1 \times 1600 \text{ hrs} \times \$10 = \dots\dots\dots \$ 16000$
  - Wages of researchers =  $6 \times 600 \text{ hrs} \times \$10 = \dots\dots\dots \$ 36000$
  - Field investigations and verifications =  $3000 \text{ questionnaires} \times \$10 = \dots\dots\dots \$ 30000$
  - Data processing = .....(available at the Center)
  - Secretarial and clerical work = .....(available at the Center)
  - Artistic work = .....\$ 5000
  - Miscellaneous expenses = .....\$ 5000
- Total.....\$ 92000

---

### P.S:

- The wages of the experts and workers are deducted from the government's cadres at 50%
- The wages of the employees from the CERD, are not deducted.

The estimated total cost of the previously listed preliminary studies in their first diagnostic stage is as follows:

---

1 - The study of the teaching scale.....	\$ 7600
2 - The comprehensive educational statistics for the scholastic year 94 - 95.....	\$118000
3 - The social survey in Lebanon.....	\$394400
4 - The labor market in Lebanon and its needs.....	\$244000
5 - The problems of the Lebanese child and his needs - as results of the Lebanese war..	<u>\$ 92000</u>
Total.....	\$856000

---

Distributed over the budget as follows:

**The First Year:**

- A study of the "teaching scale".....	\$ 7600
- The comprehensive educational statistics for the scholastic year 94 - 95.....	\$118000
- The first stage of the social Survey in Lebanon.....	\$198200
- The first stage of the labor market in Lebanon and its needs.....	\$122000
- The first stage of the problems of the Lebanese child and his needs.....	<u>\$ 46000</u>
Total.....	\$491800

---

**The Second Year:**

- The second and final stage of the social survey in Lebanon.....	\$198200
- The second stage of the labor market in Lebanon and its needs.....	\$122000
- The second stage of the problems of the Lebanese child and his needs.....	<u>\$ 46000</u>
Total.....	\$366200

---

## **A – The First Stage**

### **Second - The Urgent Projects in Developmental Domains**



**Developmental projects**

**Method of implementation and estimated cost**

- 
- Training 300 school Directors ×  
\$200 × 2 months.....\$120000
  - Total sum for the domain .....\$488800
- 

- The above expenses will be distributed over the budget as follows:

**The First Year:**

- 1 - Forming committee to set up  
the new framework .....\$ 16800
- 2 - Providing the Central Directorate  
with p.c systems .....\$150000
- 3 - Training 50 individuals to use the  
computer .....\$ 10000
- 4 - Training 100 directors .....\$ 40000
- .....\$216800

**The Second Year:**

- 2 - Providing the regions with p.c systems ..\$180000
- 3 - Training 60 members to use the computer\$ 12000
- 4 - Training 100 directors .....\$ 40000
- .....\$232000

**The Third Year:**

- 4 - Training 100 directors .....\$40000
- 

**P.S:**

- The wages of the experts and researchers are deducted from the government cadres at 50%
- The wages of the employees from the CERD, are not deducted.

## 2 - The Domain of Teaching Programs

Developmental projects	Method of implementation and estimated cost
(1) Setting up a developed teaching scale.	(1) Revision of the specified cost on page 36 (study of the teaching scale)
(2) Setting up new formulas for the teaching programmes of all teaching courses which count fifteen, from the kindergarten cycle until the end of the secondary cycle.	(2) Assigning experts and specialists to put the formulas of programmes. – Time limit for implementation.....(12 months) – <b>The Cost:</b> The expenses of writing 1200 hrs × 15 experts or 15 specialists × 15 courses × \$10 = ...\$2700000 The expenses of administration services, publications, and printing.....\$2700000
(3) Setting up a new system for the educational evaluation and official exams.	(3) The cost of this project is included in the cost of the above project, number (2)
(4) Preparing specialized personnel to perform continuous evaluation and development of the programs.	(4) Provided by outside subsidiaries.
(5) Providing teaching materials which guarantee the facilitation of special learning.	(5) Review the cost in the domain of teaching materials pages (49, 50, 51).
(6) Training the members of the teaching staff in accordance with the contents of the new teaching programmes and rehabilitate those who participate in official examinations to imply the new methods of measurement and evaluation.	(6) Assigning 30 specialized and specialized assistants to attend rehabilitation sessions abroad (expenses provided by foreign subsidiaries). – Cost of training instructors on the new programs. 60 × \$250 × 2 months = .....\$30000 The total sum of the whole Domain = .. \$2730000  – The expenses will be distributed over the budget as follows: – <b>The first year:</b> Costs of designing programs .....\$2700000 – <b>The second year:</b> Training costs....\$ 30000

### P.S:

- The wages of the experts and researchers are deducted from the government cadres at 50%
- The wages of the employees from the CERD, are not deducted.

### 3 - The Domain of School Textbooks:

Developmental projects	Method of implementation and estimated cost
(1) Rehabilitation of workers in the school textbook industry.	(1) Sending individuals to follow up rehabilitation sessions in the school textbook industry abroad. (The cost of training abroad will be provided through external donations).
(2) Prepare manuscripts of series of sample books of history and civics for pre-university teaching cycles.	(2) Forming committees to write up: <ul style="list-style-type: none"> <li>- 11 history textbooks.</li> <li>- 11 civics textbooks.</li> <li>- The time limit for implementation 24 months</li> <li>- <b>The cost:</b></li> <li>- 22 books × 900 hrs × \$15 = .....\$297000</li> <li>- Technical and printing set up .....(provided by the CERD)</li> <li style="text-align: right;">Total = .....\$297000</li> </ul>
(3) Preparing and producing the educational portfolio for the kindergarten cycle.	(3) Preparing samples for three educational portfolios: <ul style="list-style-type: none"> <li>- The time limit for implementation (9 months)</li> <li>- <b>The Cost:</b></li> <li>- Wages of experts:               <ul style="list-style-type: none"> <li>1 expert × 900 hrs × \$10 = .....\$ 9000</li> </ul> </li> <li>- Material and equipments:               <ul style="list-style-type: none"> <li>3 portfolios × \$2500 = .....\$ 7500</li> </ul> </li> <li>- The production of:               <ul style="list-style-type: none"> <li>1000 portfolios × \$100 = .....\$100000</li> </ul> </li> <li style="text-align: right;">Total = .....\$116500</li> </ul>
(4) Updating the textbooks published by the "CERD" to suit the new programmes.	(4) <b>A - Kindergarten and Elementary Cycle:</b> Preparing manuscripts for /22/ textbooks and /15/ for exercises and practical applications. <ul style="list-style-type: none"> <li>- The time limit for implementation 24 months</li> <li>- Writing books:               <ul style="list-style-type: none"> <li>22 books × 900 hrs × \$15 = .....\$297000</li> </ul> </li> <li>- Writing workbooks:               <ul style="list-style-type: none"> <li>15 workbooks × 500 hrs × \$10 = .....\$ 75000</li> </ul> </li> <li>- Technical preparation (Ready to camera)...(available at the CERD)</li> <li style="text-align: right;">Total = .....\$372000</li> </ul> <b>B - Intermediate Cycle:</b> <ul style="list-style-type: none"> <li>- Preparing manuscripts for /15/ textbooks and /10/ workbooks:</li> </ul>

**Developmental projects**

**Method of implementation and estimated cost**

**The Cost:**

- Writing books:  
15 books × 1200 hrs × \$15 = .....\$270000
- Writing workbooks:  
10 workbooks × 750 hrs × \$10 = .....\$ 75000
- Technical designing of manuscripts  
(Ready to camera)....(available at the CERD)  
Total = .....\$345000

**C - The Secondary Cycle (First Secondary)**

- Preparing manuscripts for /12/books.
- The time limit for implementation 12 months
- The cost: 12 books × 1200 hrs × \$15 = \$216000
- Writing 5 textbooks in history and civics × \$13500 = .....\$ 67500
- Technical designing.....(available at the CERD)
- Expenses of co-ordination, publications, and other services....(provided by the CERD)  
The Total = .....\$283500

---

(5) Monitoring of formal textbooks whether published locally or imported from outside, and acquiring advanced approval before usage in all schools.

(5) Included within the responsibilities of the employees of this sector.

---

(6) Consolidating and providing the national textbook series with papers and cardboards.

(6) The consolidation is extended through financial revenues which are secured yearly from the production of the national textbook series.  
Sum total for the domain = .....\$1345500



The previously defined Cost in distributed over the budget as follows:

---

**First Year:**

- Prepare 3 portfolio samples for kindergarten teaching.....\$116500
- Total = .....\$116500
- 

**Second Year:**

- 1 - The elementary cycle:
    - Writing 8 history textbooks  $\times$  13500 = .....\$108000
    - Writing 9 civic textbooks  $\times$  \$13500 = .....\$121500
  - 2 - Kindergarten and elementary:
    - Writing 22 books on different subject areas  $\times$  \$13500 = .....\$297000
    - Writing 15 workbooks  $\times$  \$5000 = .....\$ 75000
  - 3 - Intermediate cycle:
    - Writing 15 books on different subjects  $\times$  \$18000 = .....\$270000
    - Writing 10 copybooks  $\times$  \$7500 = .....\$ 75000
- Total = .....\$946500
- 

**Third Year:**

- The secondary cycle.....\$283500
- Total = .....\$283500
- 

**P.S:**

- The expenses of experts and researchers are deducted from the government's cadres at 50%
- The expenses of researchers from the CERD, are not deducted.

#### 4 - The Domain of Teaching Materials:

Developmental projects	Method of implementation and estimated cost
(1) Providing pre-secondary public schools with laboratories where permanent ones are difficult to secure.	(1) Industrialize 250 laboratories for sciences. Industrialize 250 laboratories for mathematics. - Time limit for implementation.....(12 months) <b>The Cost:</b> - 250 (science) × \$2500 = .....\$ 625000 - 250 (mathematics) × \$1500 = .....\$ 375000 Total = .....\$1000000
(2) Providing public schools with units including: - Teaching portfolios - Audio-visual aids and maquettes (small preliminary models). - Laboratory equipments and materials and technological workshop necessities (vocational orientation program).	(2) Each school should be assigned with one integrated unit . - Time limit for implementation.....(24 months) <b>The Cost:</b> - 100 schools × \$5000 = .....\$500000
(3) Publishing summer vacation activity workbooks with technical teaching parcels.	(3) Writing manuscripts of 7 workbooks. - Time limit for implementation.....(12 months) <b>The Cost:</b> - Writing 7 workbooks × 400 hrs × \$15 = .....\$ 42000 - Technical preparation (ready to camera).....(available at the CERD) - Technical parcels: 50000 parcels × \$20 = .....\$1000000 Total = .....\$1042000
(4) Equipping the private halls in some public schools (libraries, halls for multi-purpose activities) with furniture and necessary equipments.	(4) Time limit for implementation.....(3 years) <b>The Cost:</b> - 100 schools × \$10000 = .....\$1000000 Total = .....\$1000000
(5) Organizing specialized training sessions aiming at providing technical cadres to take care of the laboratories and equipments.	(5) Time limit for implementation.....(45 days) <b>The Cost:</b> - Training 100 members × \$200 × 1 month = ..... \$20000 Total = .....\$20000

Developmental projects	Method of implementation and estimated cost
(6) Utilizing teachers' colleges as centers for information sources about technology in teaching, as well as training teachers to use this technology correctly.	(6) Time limit for implementation.....(3 years) <b>The Cost:</b> - 32 schools × \$10000 = .....\$320000 Total = .....\$320000
(7) Providing each kindergarten with educational materials which develop the child's capacities related to the learning environment.	(7) Review school textbooks domain - article 3 - page 46.
(8) Implementing the experiment of the educational computer.	(8) Internal finance obtained through scholastic fees.
(9) Implementing the educational television experiment.	(9) Equip 100 public schools with an average of one set (television and VCR) each, with their equipments. - Time limit for implementation.....(12 months) <b>The Cost:</b> - 100 schools × \$1500 = .....\$150000 Total = .....\$150000
(10) Establishing a centralized unit specialized in producing samples of the educational materials and equipments.	(10) Equip a centralized unit in the framework of the Center for Educational Research and Development with workshops, instruments and equipments. - Time limit for implementation.....(12 months) <b>The Cost:</b> .....\$50000 Total = .....\$50000
Sum total for the domain.....\$4082000	

**The previously fixed Cost will be distributed over the budget as follows:**

---

**First Year:**

3 - Preparing manuscripts of 7 workbooks for the summer vacation.....	\$ 42000
4 - Equipping the school halls: 100 schools × \$10000 = .....	\$1000000
6 - Utilizing teachers' colleges as resources for information about technology: 32 schools × \$10000 = .....	\$ 320000
10- Establishing a centralized unit for the production of teaching materials.....	\$ 50000
	<b>Total = .....\$1412000</b>

---

**Second Year:**

1 - Industrialization of 100 laboratories for sciences × 2500 = .....	\$ 250000
2 - Industrialization of 100 laboratories for mathematics × \$1500 = .....	\$ 150000
3 - Production of technical parcels 50000 parcels × \$20 = .....	\$1000000
5 - Organize training sessions for laboratoires maintenance and technical instruments 100 persons × \$200 = .....	\$ 20000
	<b>Total = .....\$1420000</b>

---

**Third Year:**

1 - Industrialization of 300 laboratories for sciences and mathematics.....	\$ 600000
2 - Supplying schools with modern teaching materials 100 schools × \$1500 = .....	\$ 500000
3 - Equipping some schools with television and VCR sets 100 schools × \$1500 = .....	\$ 150000
	<b>Total = .....\$1250000</b>

---

**P.S:**

- The expenses of experts and researchers are deducted from the government's cadres at 50%
- The wages of the researchers from the CERD, are not deducted.



The previously defined expenses will be distributed over the budget as follows:

---

**First Year:**

1 - Writing teachers' colleges courses.....	\$ 315000
2 - Rehabilitating 4300 teachers.....	\$1290000
	Total..... <u>\$1605000</u>

---

**Second Year:**

2 - Rehabilitating 4300 teachers.....	\$1290000
3 - Training 1500 students × \$900 = .....	\$1350000
	Total = ..... <u>\$2640000</u>

---

**Third Year:**

3 - Training 1500 students × \$900 = .....	\$1350000
2 - Rehabilitating 1500 teachers.....	\$ 450000
	Total = ..... <u>\$1800000</u>

---

**P.S:**

- The expenses of experts and researchers are deducted from the government's cadres at 50%
- The wages of the researchers from the CERD, are not deducted.

## 6 - The Domain of School Establishments and Equipment

Developmental projects	Method of implementation and estimated cost
(1) Reconsidering the "Project of School Grouping" and drawing a school map in this regard.	<p>(1) Preparing a detailed study to signify the features of the new school map.</p> <ul style="list-style-type: none"> <li>- Time limit for implementation.....(3 months)</li> </ul> <p><b>The Cost:</b></p> <p>The Council of Development and Construction has been assigned to prepare the required study in co-operation and co-ordination with the Ministry of National Education, Youth and Sports.</p>
(2) Implement the project of school grouping.	<p>(2) The Council of Development and Construction in co-operation and co-ordination with the Ministry of National Education, Youth and Sports will execute the project in accordance with the scholastic map suggested above in article (1).</p>
(3) Setting up an educational and technical portfolio as economical samples of school buildings and in the aim of adapting these buildings to enrol the handicapped.	<p>(3) Preparing a detailed study for an economical pattern of a school building to be applied when necessary.</p> <ul style="list-style-type: none"> <li>- Time limit for implementation.....(3 months)</li> </ul> <p><b>Working group:</b></p> <ul style="list-style-type: none"> <li>- Educational technical expert.....No.1</li> <li>- Engineer: architect or civil.....No.2</li> <li>- Social expert.....No.1</li> <li>- Educational expert/educational administrator.....No.1</li> </ul> <p><b>The Cost:</b></p> <ul style="list-style-type: none"> <li>- Educational expert..(available at the CERD)</li> <li>- Social and administrative experts (available at the CERD)</li> <li>- 2 engineers × 150 hrs × \$150 = .....\$45000</li> <li>- Coordination and secretarial work (available at the CERD)</li> </ul> <p style="text-align: right;">Total = .....\$45000</p>
(4) Setting up an educational and technical portfolio as economical samples of scholastic and administrative furniture.	<p>(4) Will be achieved by the "Department for Equipment and Educational Materials" at the Center for Educational Research and Development.</p>
(5) Restoration of Teachers' Colleges buildings.	<p>(5) (Through the Council of Development and Construction)</p>

Developmental projects	Method of implementation and estimated cost
(6) Completing the construction of both Alley and Bkassine teachers' colleges buildings.	(6) Time limit for implementation.....(12 months) <b>The Cost</b> .....\$800000
(7) Equipping teachers' colleges for sports and arts (music, singing, painting and sculpture).	(7) Equipping /4/ teachers' colleges with special instruments for sportive and artistic activities (music and painting). – Time limit for implementation.....(12 months) <b>The Cost:</b> – 4 schools × \$25000 = .....\$100000
(8) Rehabilitating the sport activity utilities in the capital and districts and rebuilding the sportive city.	(8) Restoring the sportive utilities in the capital and districts and rebuilding the sportive city. – Time limit for implementation.....(12 months) <b>The Cost:</b> – The Council of Development and Construction will prepare the necessary studies for the construction and will estimate the cost of implementation in cooperation and coordination with the Ministry of National Education, Sports and Youth.
Sum total for the domain.....\$945000	



The previously defined cost will be distributed over the budget as follows:

---

**First Year:**

3 - Set up an educational and economical file as a pattern for a school building.....	\$ 45000
4 - Equip (4) Teachers' Colleges with the sportive and artistic instruments.....	\$100000
	<u>Total = .....\$145000</u>

---

**Second Year:**

6 - Complete the construction of both Alley and Bkassine Teachers' Colleges.....	\$800000
--	----------

---

**P.S:**

- The expenses of experts and researchers are deducted from the government's cadres at 50%
- The expenses of researchers from the CERD will not be deducted.

## 7 - The Domain of Special Teaching.

Developmental projects	Method of implementation and estimated cost
(1) Issuing legislations which guarantee the right of the handicapped who have learning abilities to enrol in ordinary formal and non-formal schools.	(1) The implementation is carried out in the framework of a project for setting up a new framework with its complementary regulations in the Ministry of Education. Review the domain of educational and school administration - article(1) page (43).
(2) Rehabilitating the learning environment in the aim of integrating the handicapped.	(2) Review the project number(3) from the Domain of School Buildings. page (54).
(3) Organizing campaigns to awaken and inform all workers in education about the capabilities of the handicapped and their productive capacities.	(3) Review the Domain of educational media - article -3- page (61).
(4) Issuing legislations which guarantee monitoring of the Ingenious and their specialization in developed educational programs (programs for the gifted).	(4) Review the domain of the educational and school administration, project no (1), page (43). - Review the Domain of Educational Media, article 2 - page (60).

## 8 - The Domain of Youth and Sports Activities

Developmental projects	Method of implementation and estimated cost
(1) Enlarging the base of volunteer work in schools, and encouraging students to participate in the activities inside and outside the schools, as well as supporting the establishment of alumni associations.	(1) Set up a special rule to enlarge the base of volunteer work in the schools and encourage the students to participate in various environmental, educational, scientific, artistic, and scout activities, and encouraging the establishment of alumni associations (review the project number -1- in the domain of educational administration page (43).
(2) Organising school clubs for applying various activities.	(2) Establish 1200 clubs for various activities. - Limit time for implementation.....(3 years) <b>The Cost:</b> - 120 clubs × \$5000 = .....\$600000
(3) Rehabilitating the required number of teachers in addition to social, scout and athletic facilitators.	(3) Train /120/ members for the districts and Beirut. - Time limit for implementation.....(3 years) <b>The Cost:</b> - 120 trainees × \$300 × 2 months = .....\$72000
(4) Organizing yearly expositions for various activities in the centers of districts and in the capital Beirut, Accompanied by symposiums and conventions which deal with local and international educational issues.	(4) Organize (30) expositions in the districts and the capital. - Time limit for implementation.....(3 years) <b>The Cost:</b> - 30 expositions × \$10000 = .....\$300000
(5) Rehabilitation of sport centers in the capital and the districts.	(5) Review the project no. (8) in the Domain of School Buildings - page (54).
(6) Organizing and celebrating the National Days and celebrations.	(6) To be mentioned.
Sum total of the domain = .....\$972000	

**The previously defined expenses will be distributed over the budget as follows:**

---

**First Year:**

- Equip 40 clubs × \$5000 = .....	\$200000
- Train 40 trainees × \$300 × 2 months = .....	\$ 24000
- Organize 10 expositions × \$10000 = .....	\$100000
	Total = ..... <u>\$324000</u>

---

**Second Year:**

- Equip 40 clubs × \$5000 = .....	\$200000
- Train 40 trainees × \$300 × 2 months = .....	\$ 24000
- Organize 10 expositions × \$10000 = .....	\$100000
	Total = ..... <u>\$324000</u>

---

**Third Year:**

- Equip 40 clubs × \$5000 = .....	\$200000
- Train 40 trainees × \$300 × 2 months = .....	\$ 24000
- Organize 10 expositions × \$10000 = .....	\$100000
	Total = ..... <u>\$324000</u>

---

**P.S:**

- The expenses of experts and researchers are deducted from the government's cadres at 50%
- The expenses of researchers from the CERD are not deducted.

## 9 - The Domain of Educational Services - Educational Counseling and Media

Developmental projects	Method of implementation and estimated cost
(1) Reconsidering the project of the educational television and broadcasting in the Center for Educational Research and Development.	<p>(1) Form an executive committee which represents the following concerned administrations:</p> <ul style="list-style-type: none"> <li>- The Ministry of Education.</li> <li>- The Ministry of Information.</li> <li>- The Ministry of Culture and Higher Education.</li> <li>- The Ministry of Vocational and Technical teaching.</li> <li>- Rehabilitate and equip the educational television studio in the Center for Educational Research and Development.</li> <li>- Time limit for implementation.....(12 months)</li> </ul> <p><b>The Cost:</b>.....\$200000</p> <ul style="list-style-type: none"> <li>- Rehabilitating and equipping the Educational Broadcasting studio in the Educational Center.</li> <li>- Time limit for implementation.....(6 months)</li> </ul> <p><b>The Cost:</b>.....\$100000</p> <p style="text-align: right;"><b>Total = .....\$300000</b></p>
(2) Producing and broadcasting television and radio programmes in the various fields encompassed by the educational plan.	<p>(2) Produce 91 yearly television episodes in accordance with the following:</p> <ul style="list-style-type: none"> <li>- Civics and National upbringing.</li> <li>- Sciences/Technology.</li> <li>- General culture.</li> <li>- Environment and health.</li> <li>- Social awareness.</li> <li>- Orientation and guidance for the handicapped and ingenious.</li> <li>- General education.</li> <li>- Time limit for implementation.....(3 years)</li> </ul> <p><b>The Cost:</b></p> <ul style="list-style-type: none"> <li>- 91 T.V. episodes × \$2000 × 3 years = ..\$546000</li> <li>- Produce 91 radio programmes a year in accordance with the following:</li> <li>- Time limit for implementation.....(3 years)</li> </ul> <p><b>The Cost:</b></p> <ul style="list-style-type: none"> <li>- 91 episodes × \$500 × 3 years = .....\$136500</li> </ul> <p style="text-align: right;"><b>Total = .....\$682500</b></p>



**The previously defined expenses will be distributed over the budget as follows:**

---

**First Year:**

- Equipping (The Educational Television Studio).....	\$ 200000
- Equipping the studio of the Educational radio.....	\$ 100000
- Equipping the Printing press with an offset machine and a book-binding machine.....	\$1800000
- Publishing 6 issues of the educational bulletin.....	\$ 21000
- Producing posters.....	\$ 25000
	The Total = .....\$2146000

---

**Second Year:**

- Producing 91 television episodes.....	\$182000
- Producing 91 radio programmes.....	\$ 45500
- Publishing 6 issues of the Educational Bulletin.....	\$ 21000
- Producing posters.....	\$ 25000
	The Total = .....\$273500

---

**Third Year:**

- Equipping the printing press with an offset machine - 2 colors.....	\$ 700000
- Equipping the printing press with a color scanner machine.....	\$ 600000
- Providing the printing press with 2 pick-up vans.....	\$ 60000
- Providing the printing press with one van.....	\$ 20000
- Producing 182 T.V. episodes.....	\$ 364000
- Producing 182 radio programmes.....	\$ 91000
- Publishing 6 issues of the Educational Bulletin.....	\$ 21000
- Producing posters.....	\$ 25000
	Total = .....\$1881000

---

**P.S:**

- The expenses of experts and researchers are deducted from the government's cadres at 50%
- The wages of researchers from the CERD are not deducted.

**Overall Expenses of the First Stage:**

**The estimated Cost.**

---

A - The preliminary studies accompanying the educational plan.....	\$ 858000
B - Domains of Development:	
1 - Educational and School Administration.....	\$ 488800
2 - Teaching curricula.....	\$ 2730000
3 - School textbooks.....	\$ 1345500
4 - Teaching materials.....	\$ 4082000
5 - The Teacher.....	\$ 6045000
6 - School Establishments (buildings).....	\$ 945000
7 - Special Teaching .....(included in the other domains)	
8 - Youth and Sports Activities.....	\$ 972000
9 - Educational Services - Educational Guidance and Media.....	\$ 4300500
	Sum total = ..... <u>\$21766800</u>

---



**Distribution of the Effective Cost of the First Stage Over the Budget.**

<b>The project</b>	<b>1st Year</b>	<b>2nd Year</b>	<b>3rd Year</b>	<b>Total Cost</b>
1 - The Domain of Educational and School Administration	216800	232000	40000	488800
2 - The Domain of teaching curricula	2700000	30000	—	2730000
3 - The Domain of school textbooks	116500	946500	282500	1345500
4 - The Domain of Teaching Materials	1412000	1420000	1250000	4082000
5 - The Domain of the Teacher	1605000	2640000	1800000	6045000
6 - The Domain of school establishments and equipments	145000	800000	—	945000
7 - The Domain of special education	for reference	for reference	for reference	for reference
8 - The Domain of Sports and Youth activities	324000	324000	324000	972000
9 - The Domain of Educational Services - Educational guidance and media	2146000	273500	1881000	4300500
<b>The Total</b>	<b>86653000</b>	<b>6666000</b>	<b>5577500</b>	<b>20908800</b>
Preliminary studies	491800	366200	—	858000
<b>Total</b>	<b>9157100</b>	<b>7032200</b>	<b>5577500</b>	<b>21766800</b>

## B - The Second Stage - A period of three Years - It includes the following:

### 1 - The Domain of Educational and School Administration.

Developmental projects	Method of implementation and estimated cost
(1) Enlarging the scope of computerized central administrative work and school administration.	(1) Central Administration: Providing divisions which are not yet provided with computer systems in the Central Administrations (the General Directorate for Education, the General Directorate for Youth and Sports, the Center for Educational Research and Development and the Department of the Sportive City) with 50 subdivision computer systems (p.c.). <ul style="list-style-type: none"> <li>- Training the individuals: 50 individuals × \$200 = .....\$10000</li> <li>- The School Administration</li> <li>- Providing School Administrations beginning with public secondary schools with (p.c.) systems through internal financing.</li> <li>- Training cadres (in the framework of the project itself).</li> </ul>
(2) Continuing the rehabilitation of cadres.	(2) Training 50 employees in the scope of financial and administrative work (provided at the CERD). <ul style="list-style-type: none"> <li>- Training 50 instructors (provided at the CERD)</li> <li>- Training 750 school directors × \$200 × 2 months = .....\$300000</li> </ul>
(3) Supplying the central administration and educational sectors with the furniture and basic equipment within the frame of the educational district's project.	(3) The Central Administration <ul style="list-style-type: none"> <li>- Time limit for implementation....(12 months)</li> <li>- Furniture (the central administration).....\$200000</li> <li>- Miscellaneous equipment (the central administration).....\$200000</li> <li style="text-align: right;">Total = .....\$400000</li> </ul> The Educational Districts (6 Districts). <ul style="list-style-type: none"> <li>- Furniture: 6 × \$15000 = .....\$ 90000</li> <li>- Miscellaneous equipment 6 × 10000 = \$ 60000</li> <li style="text-align: right;">The Total = \$150000</li> </ul>
Sum total for the domain.....\$1010000	

**The previously defined cost will be distributed over the budget as follows:**

---

**First Year:**

- Equipping the Central Administration with p.c. system.....	\$150000
- Training 50 members.....	\$ 10000
- Equipping the Central administration with 50% of the furniture.....	\$100000
- Equipping the Central administration with 50% of the equipment.....	\$100000
- Equipping the districts with 50% of the furniture.....	\$ 45000
- Equipping the districts with 50% of the equipment.....	\$ 30000
- Training 50 school directors.....	\$100000
	Total = .....\$535000

---

**Second Year:**

- Equipping the Central administration (the second stage)	
- Furniture.....	\$100000
- Equipment.....	\$100000
- Equipping the educational districts (the second stage)	
- Furniture.....	\$ 45000
- Equipment.....	\$ 30000
- Training 250 directors.....	\$100000
	Total = .....\$375000

---

**Third Year:**

- Training 250 directors.....	\$100000
	Total = .....\$100000

---

**P.S:**

- The expenses of experts and researchers are deducted from the government's cadres at 50%
- The wages of researchers from the CERD are not deducted.

## 2 - The Domain of educational curricula.

<b>Developmental projects</b>	<b>Method of implementation and estimated cost</b>
(1) Curricula evaluation and development.	(1) Assign committees for assessment and evaluation on the basis of one committee for each subject-matter. Each committee includes one expert, a co-ordinator and 10 researchers. - Time limit for implementation.....(9 months) <b>The Cost:</b> - 1 expert × 100 hours × 9 months × 15 courses × \$10 = .....\$135000 - 11 co-ordinators researches × 100 hrs × 9 months × 15 courses × \$10 = .....\$1485000 - Printing expenses - questionnaires and others.....(provided at the CERD)
	Sum total for the domain.....\$1620000

### **First Year:**

- Total Cost.....\$1620000

### **P.S:**

- The expenses of experts and researchers are deducted from the government's cadres at 50%
- The wages of researchers from the CERD are not deducted.

### 3 - The Domain of School Text books.

Developmental projects	Method of implementation and estimated cost
<p>(1) Evaluating and experimenting the text-books in accordance with the new programmes.</p>	<p>(1) Forming a committee of five experts to set up the measurements of evaluation and other necessary questionnaires.</p> <ul style="list-style-type: none"> <li>- Time limit for implementation.....(2 months)</li> </ul> <p><b>The Cost:</b></p> <ul style="list-style-type: none"> <li>- 5 experts × 200 hrs × \$10 = .....\$10000</li> <li>- The committees assigned to test and evaluate the programmes defined in the project number (1) mentioned in the domain number 2 will test and evaluate all the books in their frameworks with the assistance and supervision of the academic sections in the CERD.</li> </ul>
<p>(2) Modification and revision of the school text-books.</p>	<p>(2) Modification and revision of 67 text-books and 25 workbooks in application to the various cycles.</p> <ul style="list-style-type: none"> <li>- Time limit for implementation.....(3 years)</li> </ul> <p><b>The Cost:</b></p> <ul style="list-style-type: none"> <li>- Writing 67 books × 600 hrs × \$10 = \$402000</li> <li style="padding-left: 20px;">25 workbooks × 300 hrs × \$10 = \$ 75000</li> <li>- Technical and printing preparation: (Ready to Camera)....(provided at the CERD)</li> <li style="text-align: right;">Total = <u>\$477000</u></li> </ul>
<p>(3) Follow up the consolidation of the school text-book with paper and cardboard.</p>	<p>(3) The consolidation will be carried out through the financial resources which are early ensured from the production of the national school text-books.</p>
<p>The sum total for the domain:.....\$487000</p>	

**The previously defined cost - will be distributed over the budget as follows:**

---

**First Year:**

- Forming a committee to evaluate, review and modify the primary cycle text-books.....	\$ 10000
- 17 Text-books in the areas of history and civics - 37 books for different subjects matters .....	\$324000
- 25 workbooks. ....	\$ 75000
	Total = .....\$409000

---

**Second Year:**

- Modifying and reviewing 13 text-books for the secondary cycle.....	\$78000
--	---------

---

**P.S:**

- The expenses of the experts and researchers are deducted from the government cadres at 50%
- The wages of the researchers from the CERD are not deducted.

**The Domain of Teaching Materials:**

<b>Developmental projects</b>	<b>Method of implementation and estimated cost</b>
(1) Continuance of providing schools with mobile and fixed laboratories.	(1) Providing 400 elementary and intermediate schools with mobile laboratories. <ul style="list-style-type: none"> <li>- Providing 150 secondary school and teachers' training colleges with fixed laboratories.</li> <li>- Time limit for implementation.....(3 years)</li> </ul> <b>The Cost:</b> <ul style="list-style-type: none"> <li>- 400 mobile science laboratories × \$2500 = \$1000000</li> <li>- 400 mathematic laboratories × \$1500 = \$ 600000</li> <li>- Fixed laboratories.....(external subsidiaries)</li> </ul> <p style="text-align: right;">Total = .....\$1600000</p>
(2) Continuance of circulating the teaching computer experiment.	(2) Continue of functioning in accordance with the previously adopted regulation in the project no.(8) domain number (4) the first stage.
(3) Continuance of circulating the teaching television experiment.	(3) Provide 400 elementary and intermediate schools and 120 secondary schools at an average of one unit to each school. <ul style="list-style-type: none"> <li>- Time limit for implementation.....(3 years)</li> </ul> <b>The Cost:</b> <ul style="list-style-type: none"> <li>- 520 units × \$1500 = .....\$780000</li> </ul>
(4) Continuance of enhancing the pre-primary levels of education.	(4) Provide 200 kindergartens with equipment, technical instruments and specific materials and devices. <ul style="list-style-type: none"> <li>- Time limit for implementation.....(2 years)</li> </ul> <b>The Cost:</b> <ul style="list-style-type: none"> <li>- 200 kindergartens × \$5000 = .....\$1000000</li> </ul>
Sum total of the domain = .....\$3380000	

The previously defined cost will be distributed over the budget as follows:

---

**First Year:**

1 - 100 science laboratories × \$2500 = .....	\$ 250000
2 - 100 mathematics laboratories × \$1500 = .....	\$ 150000
3 - 150 schools × \$1500 = .....	\$ 225000
4 - 100 kindergartens × \$5000 = .....	\$ 500000
	<b>Total = .....\$1125000</b>

---

**Second Year:**

1 - 100 science laboratories × \$2500 = .....	\$ 250000
2 - 100 mathematics laboratories × \$1500 = .....	\$ 150000
3 - 150 schools × \$1500 = .....	\$ 225000
4 - 100 kindergartens × \$5000 = .....	\$ 500000
	<b>Total = .....\$1125000</b>

---

**Third Year:**

1 - 200 science laboratories × \$2500 = .....	\$ 500000
2 - 200 mathematics laboratories × \$1500 = .....	\$ 300000
3 - 220 schools × \$1500 = .....	\$ 330000
	<b>Total = .....\$1130000</b>

---

**P.S:**

- The expenses of the experts and researchers are deducted from the government's cadres at 50%
- The wages of researchers from the CERD are not deducted.



**5 - The Teachers domain:**

Developmental projects	Method of implementation and estimated cost
(1) Continuous training of pre-service teachers to fulfill the needs of current and recently constructed schools in various specific subjects.	(1) Formation of 3000 teachers – Time limit for implementation.....(3 years) <b>The Cost:</b> – Formation of 3000 teachers × \$900 = ..... <span style="float: right;">\$2700000</span>
(2) Continuous training of in-service teachers of all pre-university levels.	(2) Training 4500 teachers in specialized and general training courses. The duration of each workshop is 2 months. – Time limit for implementation.....(3 years) <b>The Cost:</b> – Training 4500 teachers × \$100 × 2 months = .....\$900000
Sum total for the domain = .....\$3600000	

**The previously defined cost will be distributed over the budget as follows:**

---

**First Year:**

- Formation of 1000 teacher/students × \$900 = .....	\$ 900000
- Training 1500 teachers × \$100 × 2 months = .....	\$ 300000
	Total = ..... <u>\$1200000</u>

---

**Second Year:**

- Formation of 1000 teacher/students × \$900 = .....	\$ 900000
- Training 1500 teachers × \$100 × 2 months = .....	\$ 300000
	Total = ..... <u>\$1200000</u>

---

**Third Year:**

- Formation of 1000 teacher/students × \$900 = .....	\$ 900000
- Training 1500 teachers × \$100 × 2 months = .....	\$ 300000
	Total = ..... <u>\$1200000</u>

---

**P.S:**

- The expenses of the experts and researchers are deducted from the government's cadres at 50%
- The wages of researchers from the CERD are not deducted.

## 6 - The Domain of School Buildings

Developmental projects	Method of implementation and estimated cost
(1) Continuance of schools grouping project.	(1) This project will be continued in accordance with the plan adopted by the Ministry of National Education, Youth and Sports and the Council of Development and Construction.
(2) Implementing the project of Comprehensive Secondary teaching (the Lebanese Comprehensive Secondary Schools) as pioneer schools.	(2) Transferring nine public secondary schools into pioneer comprehensive secondary schools. – Time limit for implementation.....(2 years) <b>The Cost:</b> – 9 secondary schools × 100000 = .....\$900000 Sum total of the domain = .....\$900000

The above defined cost will be distributed over the budget as follows:

### First Year:

– 3 secondary schools × \$100000 = .....\$300000

### Second Year:

– 3 secondary schools × \$100000 = .....\$300000

### Third Year:

– 3 secondary schools × \$100000 = .....\$300000

### P.S:

- The expenses of the experts and researchers are deducted from the government's cadres at 50%
- The wages of researchers from the CERD are not deducted.

## 7 - The Domain of Special Teaching.

Developmental projects	Method of implementation and estimated cost
(1) Continuous educational media campaigns in addition to other campaigns in guidance and counseling for the handicapped and the ingenious.	(1) Revising the domain of educational media article (2) page 60. Implementation is carried out in accordance with the plot for the year 2000, drawn by The Council for Development and Construction.

## 8 The Domain of Sports and Youth Activities.

Developmental projects	Method of implementation and estimated cost
(1) Continuous training of the required staff including teachers, trainers, and scouts and social consultants.	(1) Training 140 members for the regions and Beirut. – Time limit for implementation.....(2 months) <b>The Cost:</b> – 140 trainees × \$200 × 2 months = .....\$56000
(2) Continuance of various activities especially those related to annual expositions, symposiums and conferences.	(2) Organizing 30 expositions in the regions and the capital. – Time limit for implementation.....(3 years) <b>The Cost:</b> – 30 expositions × \$10000 = .....\$300000
(3) Continuance of implementing the project of national, educational, artistic, sportive, and school scout activities.	(3) Providing 36 centers which include: – Construction of auditoriums and new theatres. – Construction of clubs for both teachers and students. – Organizing educational workshops. – Equipping the stadiums with the basic utilities. – Sponsoring and consolidating national, social and humanistic occasions. – Time limit for implementation.....(3 years) <b>The Cost:</b> – 36 centers × \$25000 = .....\$900000
Sum total of the domain = .....\$1256000	

**The previously defined cost will be distributed over the budget as follows:**

---

**First Year:**

- 140 trainees × \$200 × 2 months = .....	\$ 56000
- 10 expositions × \$10000 = .....	\$100000
- 12 centers × \$25000 = .....	\$300000
	Total = ..... <u>\$456000</u>

---

**Second Year:**

- 10 expositions × \$10000 = .....	\$100000
- 12 centers × \$25000 = .....	\$300000
	Total = ..... <u>\$400000</u>

---

**Third Year:**

- 10 expositions × \$10000 = .....	\$100000
- 12 centers × \$25000 = .....	\$300000
	Total = ..... <u>\$400000</u>

---

**P.S:**

- The expenses of the experts and researchers are deducted from the government's cadres at 50%
- The wages of researchers from the CERD are not deducted.

**9 - The Domain of Educational Services - Educational Guidance and Media:**

Developmental projects	Method of implementation and estimated cost
(1) Continuance of production and broadcasting television and radio programmes in the various fields that are covered by the plan.	<p>(1) Producing 91 television episodes annually in the following subjects:</p> <ul style="list-style-type: none"> <li>13 episodes about civics and national upbringing.</li> <li>13 episodes about science/technology.</li> <li>13 episodes about general culture.</li> <li>13 episodes about environment and health.</li> <li>13 episodes about social edification.</li> <li>13 episodes about orientation and guidance for both the handicapped and the ingenious.</li> <li>13 episodes about general education and media.</li> </ul> <p>– Time limit for implementation.....(3 years)</p> <p><b>The Cost:</b></p> <ul style="list-style-type: none"> <li>a - 91 television episodes × \$2000 × 3 years = \$546000</li> <li>b - Production of 91 radio episodes annually dealing with the above listed areas.</li> </ul> <p>– Time limit for implementation.....(3 years)</p> <p><b>The Cost:</b></p> <ul style="list-style-type: none"> <li>– 91 radio episodes × \$500 × 3 years = \$136500</li> </ul> <p style="text-align: right;">Total = \$682500</p>
(2) Continuance of publishing the Educational Bulletin.	<p>(2) Preparing and publishing the educational bulletin issued by the Center for Educational Research and Development.</p> <p>– Time limit for implementation.....(3 years)</p> <p><b>The Cost:</b></p> <ul style="list-style-type: none"> <li>– Preparing articles /6/ issues annually.</li> <li>– 6 issues × \$2000 × 3 years = .....\$36000</li> <li>– print production (provided at the CERD)</li> <li>– print preparation (provided at the CERD)</li> <li>– publishing and distribution expenses.</li> <li>6 issues × 5000 copy × \$0,30 × 3 years = \$27000</li> </ul> <p style="text-align: right;">Total = \$63000</p>
(3) Continuance of publishing significant national and educational posters on national occasions and distributing them to all institutions and the educational sector.	<p>(3) Produce posters on the occasions of: Independence Day, the Flag Day, the Tree Festival, the Day of Environment and Neatness.</p> <p>– Time limit for implementation.....(3 years)</p> <p><b>The Cost:</b></p> <ul style="list-style-type: none"> <li>– \$50000 × 3 years = .....\$150000</li> </ul>

**Developmental projects**

**Method of implementation and estimated cost**

---

(4) Continuance of organizing cultural and educational campaigns to fight drug addiction and other bad social habits.

(4) The expenses of this project are included in the framework of the first three projects in this domain.

---

Sum total for the domain = .....\$895500

---



**The previously defined cost will be distributed over the budget as follows:**

---

**First Year:**

- 91 television episodes × \$2000 = .....	\$182000
- 91 radio episodes × \$500 = .....	\$ 45500
- 6 issues of the Educational Bulletin × \$2000 = .....	\$ 12000
- Publishing and distributing the 6 issues of the bulletin = .....	\$ 9000
- Significant posters = .....	\$ 50000
	Total = .....\$298500

---

**Second Year:**

- 91 television episodes × \$2000 = .....	\$182000
- 91 radio episodes × \$500 = .....	\$ 45500
- 6 issues of the Educational Bulletin × \$2000 = .....	\$ 12000
- Publishing and distributing the 6 issues of the bulletin = .....	\$ 9000
- Significant posters = .....	\$ 50000
	Total = .....\$298500

---

**Third Year:**

- 91 television episodes × \$2000 = .....	\$182000
- 91 radio episodes × \$500 = .....	\$ 45500
- 6 issues of the Educational Bulletin × \$2000 = .....	\$ 12000
- Publishing and distributing the 6 issues of the bulletin = .....	\$ 9000
- Significant posters = .....	\$ 50000
	Total = .....\$298500

---

**P.S:**

- The expenses of the experts and researchers are deducted from the government's cadres at 50%
- The wages of researchers from the CERD are not deducted.

## The total Cost of the Second Stage

<b>Projects</b>	<b>Approximate Cost</b>
1 - The domain of educational and school administration.....	\$ 1010000
2 - The domain of teaching curricula.....	\$ 1620000
3 - The domain of school textbooks.....	\$ 487000
4 - The domain of teaching materials.....	\$ 3380000
5 - The domain of the teacher.....	\$ 3600000
6 - The domain of school buildings (establishments).....	\$ 900000
7 - The domain of special teaching.....(to be mentioned)	
8 - The domain of sports and youth activities.....	\$ 1256000
9 - The domain of educational services - educational guidance and media.....	\$ 895500
	<u>Sum Total = .....\$13148500</u>

**Distribution of the actual cost of the second stage over the budget.**

<b>The Project</b>	<b>First Year</b>	<b>Second Year</b>	<b>Third Year</b>	<b>Total Cost</b>
(1) The domain of the educational and school administration	535000	375000	100000	1010000
(2) The domain of the teaching curricula	1620000	—	—	1620000
(3) The domain of the school textbooks	409000	78000	—	487000
(4) The domain of the teaching materials (devices)	1125000	1125000	11300000	3380000
(5) The domain of the teacher	1200000	1200000	1200000	3600000
(6) The domain of school buildings	300000	300000	300000	900000
(7) The domain of special teaching	to be mentioned	to be mentioned	to be mentioned	to be mentioned
(8) The domain of sports and youth activities	4560000	400000	400000	1256000
(9) The educational services, educational guidance and media	298500	298500	298500	895500
<b>Sum Total</b>	<b>5943500</b>	<b>3776500</b>	<b>3428500</b>	<b>13148500</b>

### **C - Third stage - a period of three years**

---

Considering the results of assessment & evaluation to the previous two stages (1, 2), performed by the "Committee of Consultants" and working groups holding the responsibility of implementing the educational plan, the following would be accomplished:

- 1 - Appointing and defining the projects to be implemented in this stage.
  - 2 - Continuance of implementing the necessary current projects which are stated in both the first and the second stages.
  - 3 - The cost of the third stage will be estimated after accomplishing the above mentioned projects in the light of the existing economic/financial conditions prevailing meanwhile.
-

### **3 - Follow-up and Evaluation:**

The working group in charge of the plan management, and the "Committee of Consultants" will carry out gradually the follow-up procedures, and the continuous evaluation of the projects and programmes - periodically and stationary - gearing towards tracking the whole process successfully or incorporating some adjustments to its channels through extra studies and researches. Furthermore, they could be supported by the necessary staff and materials to achieve the final goals of the plan successfully and effectively.

Programs and projects for the third stage of this plan will be set up at the end of the second stage, based on the achievements and the estimated cost of both the first and the second stages.

#### 4 - Total cost and sources of finance:

---

The estimated total cost is settled as follows:

a - <b>First stage</b> .....	\$21766800
b - <b>Second stage</b> .....	\$13148500
c - <b>Third stage</b> .....	(to be mentioned)
	Total = ..... <u>\$34915300</u>

Only thirty four million, nine hundred, fifteen thousand and three hundred American Dollars, which is equivalent to fifty-nine billion and four hundred million Lebanese pounds.

The financial resources are described as follows:

- (1) Local financing: The annual allotment by the Ministry of National Education, Youth and Sports.
- (2) External financing: In the form of Loans or donations or sustained projects.

#### Notes:

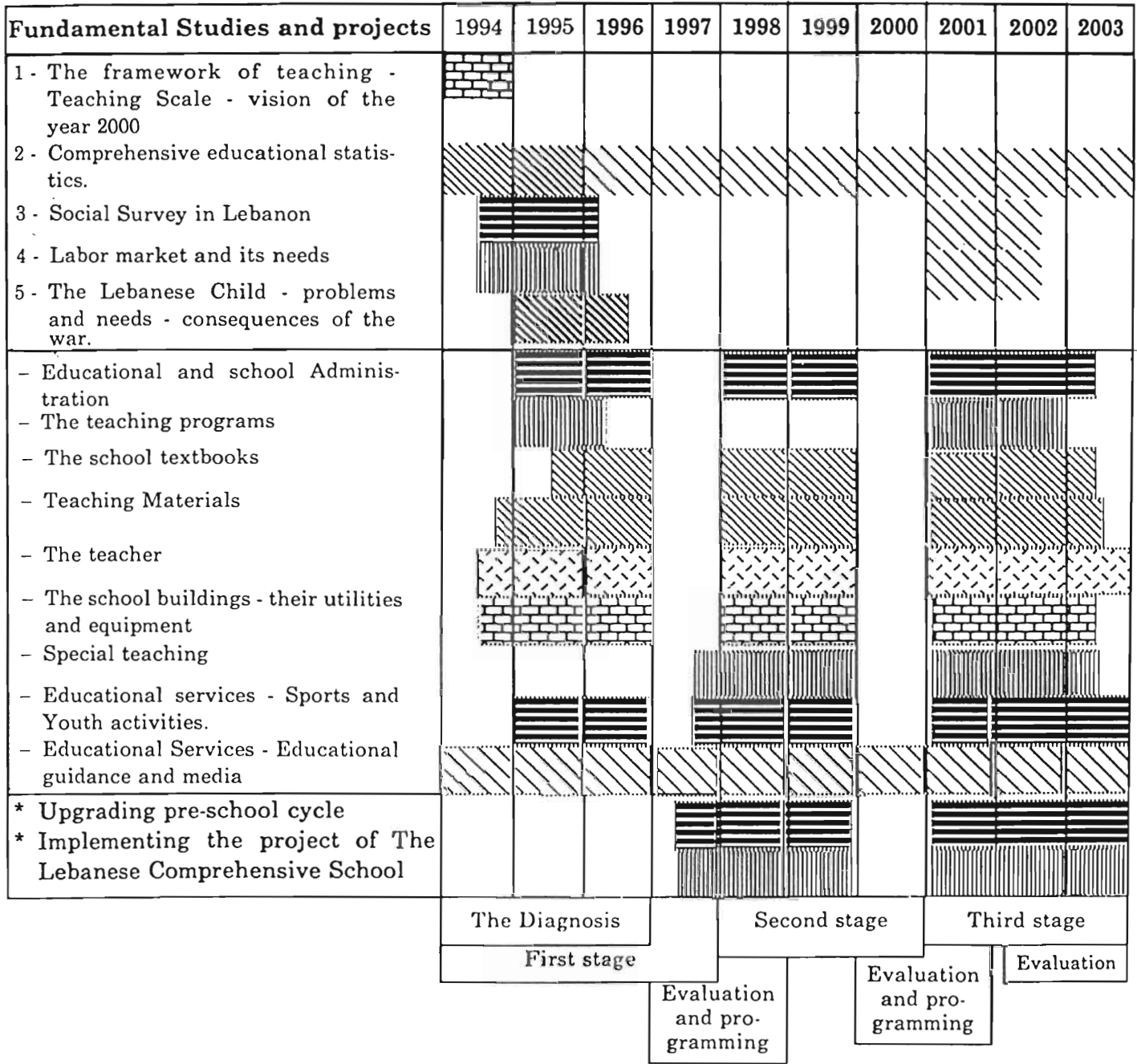
- (1) The above estimated cost did not include the expenses covering the services and work offered by the Center for Educational Research and Development, in addition to the various administrative wages, salaries and expenses.
- (2) The estimated cost did not take into account the third stage in the plan.
- (3) The estimated cost is liable to modifications in the light of the existing economic/financial conditions prevailing meanwhile.

## **The Expected outcomes of the plan**

---

- (1) Uprising the level of performance in educational management in the light of supporting it with the necessary experiences.
- (2) Improvement of the learning/teaching methodologies and training performance.
- (3) Reducing the percentage of educational squandering by increasing the effectiveness of the Educational process.
- (4) Improvement of the individual's and community's social and economic levels.

Detailed chart of the periodic schedule of implementing the plan of Educational Reconstruction in Lebanon





## A Chart of norms adopted in defining the cost

a - In Type of Work	hrs. of work	duration of work
- Average daily working hours per person	5 hrs.	_____
- Average weekly working hours per person	20 hrs.	_____
- Average monthly working hours per person	100 hrs	_____
- Average work to set up the program of a teaching subject	900 - 1200 hrs.	12 months
- Average working hours to proofread and edit a school textbook	900 - 1200 hrs.	9 months
- Average working hours to modify or proofread a school textbook	600 hrs	9 months
- Average working hours to edit a school workbook	500 - 700 hrs	9 months
- Average working hours to modify or proofread a school workbook	300 hrs	9 months
- Average working hours to prepare a teaching portfolio	1200 hrs.	12 months
- Training period of school employees and directors	_____	3 months
- Training period of teachers in guidance and counseling	_____	6 months
- Training period of teachers and professors	_____	2 months
- Training period abroad	_____	45 days

### B - In Work.

- One hour fee (A project director or principal researcher).....	\$ 25
- One hour fee (expert, researcher, author).....	\$ 20
- One hour fee (assistant researcher, assistant expert, architect).....	\$ 15
- One hour fee (specialized engineer).....	\$ 50
- Cost of training (employee, consultant, director) per month.....	\$ 300
- Cost of training (professor, teacher) per month.....	\$ 400
- Cost of training abroad (lump sum).....	\$ 6000
- Cost of artistic and printing preparation (ready to camera) school book.....	\$10000
- Cost of artistic and printing preparation (ready to camera) exercise copy-books...	\$ 5000
- Cost of one television episode (preparation).....	\$ 2000
- Cost of one radio episode (preparation).....	\$ 500
- Cost of editing articles, technical and printing preparation for each edition of the Educational Bulletin.....	\$ 2000

### P.S:

- The expenses of the experts were deducted from the government's cadres at 50%
- The wages of experts and researchers at the CERD are not deducted.

Classification of handicapped according to their nature and degree, and the ability of each handicapped for rehabilitation, Production, social adaptation, and self care.

The handicapped	Its nature	Its symptoms	Rehabilitation and productive abilities		Social Adaptation	Ability of Self Care
			Teaching rehabilitation	Productive ability		
Physically handicapped	1 - Brain Paralysis	- Severe mental retardation - mild mental retardation.	- Uncapable of rehabilitation - Capable of rehabilitation	- Inferior - Inferior	- Very little - Very little	- Non existent - Non existent
	2 - Hemiplegia	- Severe mental retardation - mild mental retardation.	- Uncapable of rehabilitation - Capable of rehabilitation	- Minimal - Minimal	- Limited - Limited	- Non existent - Non existent
	3 - Quadriplegia	—	Limited and defined benefit	Minimal	Limited	Non existent
	4 - Paraplegia	—	Capable of rehabilitation	Normal	Limited	Insufficient
	5 - Paralysis of one arm or one leg.	—	No problems	Normal.	No problems	No problems
	6 - Amputated legs	—	No problems	Normal	No problems	No problems
	7 - Amputated arms	—	Normal but takes longer time than assigned	Acceptable	No problems	No problems
	8 - Amputated one arm or one leg.	—	No problems	Normal	Normal	Good
	9 - Double handicap	Other diverse handicaps	Limited and defined	Average and inferior	Inferior	Different difficulties
	10 - Physically Incomplete Growth	—	Capable of rehabilitation	Normal	Limited	Acceptable

The Handicap	Its nature	Its symptoms	Rehabilitation and productive abilities		Social Adaptation	Ability Self Care
			Teaching rehabilitation	Productive ability		
2 - Senses Disorders	1 - Blind	—	Capable of rehabilitation	Normal	Limited	Limited
	2 - With a minimum degree of vision	—	Capable of rehabilitation	Normal	Limited	Limited
	3 - Partial vision	—	No problems	Normal	Better	Insufficient
	4 - Hearing weakness deficiency of less than 40 DCL	—	Capable of rehabilitation with an ability to learn a language.	Normal	Limited	Sufficient
	5 - Light - half deafness 40 - 60 DCL	—	<ul style="list-style-type: none"> <li>- Capable of vocational rehabilitation</li> <li>- It is possible to acquire a language, but incomplete linking of words.</li> <li>- difficult to advance</li> </ul>	Normal	Minimal	Sufficient
	6 - Strong half deafness 60 - 80 DCL	—	<ul style="list-style-type: none"> <li>- Capable of vocational rehabilitation</li> <li>- Limited capability of mastering a language</li> <li>- Unable to converse spontaneously</li> <li>- Big difficulty in recognizing non-accented sounds</li> </ul>	Normal	Minimal	Sufficient
	7 - complete deafness 90 Decibel and above	—	<ul style="list-style-type: none"> <li>- Capable of vocational rehabilitation</li> <li>- Difficulty in acquiring a language</li> <li>- Audio-visual aids are helpless</li> </ul>	Normal	Minimal	Sufficient

The Handicap	Its nature	Its symptoms	Rehabilitation and productive abilities		Social Adaptation	Ability Self Care
			Teaching rehabilitation	Productive ability		
3 - Mental Retardation and Mental and Psychological Illnesses	1 - Severe mental retardation (idiot)	—	No ability for rehabilitation	(Absent)	(Absent)	Absent
	2 - Mentally retarded -moderate degree (stupid)	—	Very limited and insufficient results (only simple vocational rehabilitation)	Unmentionable	Missing	Missing
Psychological Illnesses	3 - Slow learner (dull)	—	Capable of rehabilitation (in a specific way)	Normal in jobs which do not require intellectual skills	Less than normal	Satisfactory
	4 - Mentally and psychologically retarded	—	No problem in rehabilitation (presence of conscious personal suffering which could be dangerous and leading to social deviation)	Normal	Reserved	Satisfactory
	5 - Epileptic	—	Capable of rehabilitation (in a special way)	Normal as long as the patient does not suffer from epilepsy fits	Normal as long as the patient does not suffer from epilepsy fits	Normal as long as the patient does not suffer from epilepsy fits

## The Committees Specialized In Modernizing The Teaching Programs

The Committee	The Teaching Levels	Notes
1 - Arabic language and Literature	Starting with the kindergartens until the end of the secondary cycle.	(Including translation and arabization)
2 - French language and Literature	Starting with the kindergartens until the end of the secondary cycle.	(French as a second language)
3 - English language and Literature	Starting with the kindergartens until the end of the secondary cycle.	(English as a second language)
4 - Civilizations (philosophy - philosophers and scientists - general culture and religious culture).	Starting with the intermediate cycle until the end of the secondary cycle.	
5 - Arts: (music, singing and acting)	Starting with the kindergarten cycle until the end of the intermediate cycle.	
6 - Arts: (drawing, painting, sculpture, and Arabic and Latin handwriting).		
7 - Technology	Starting with the elementary until the end of intermediate cycle.	(Vocational acquaintance for males and females)
8 - Mathematics/Computer	Starting with the kindergartens until the end of the secondary cycle.	
9 - Science: physics 10- Science: chemistry 11- Natural science	Starting with the elementary until the end of the secondary cycle.	(Health and environment)
12- History 13- Geography 14- National upbringing and civics 15- General health, sports, and Folk dances.	Starting with the elementary until the end of the secondary cycle.	(Including rural, demographic and environmental education)