

## Summary of Research

" Effectiveness of suggested program about the sporting informations wirtten be " Braille " to improve the sporting in formations field of the blind students " .

### Nature of Research :

This study is just atanmpt to recognise about the Effectiveness of suggested programe about sporting informations wirtten by " Braille " which basically related to the courses of blind students of secondary schools for first year and this study applied for Cairo province at 1996/1997 school Year .

### Aims of the Research :

- 1- Suggesting of sporting informations for blind students who the sample Re- search by " Braille " .
- 2- Make Sporting information scale for the Research blind students written by " Braille " .
- 3- Carrying out of the effect of sporting inormation terms improvement for re- search students .

### Assumptions :

- A- The suggested program affected in statistic indications over the information terms of the Research students .
- B- The scale which will be in the research is representing a complete scale con- tions the sectarianism and fundamental factors which appears the Research blind stuudents informations .

### The Procedures :

Researcher used the expermintal procedure which has the two groups design (experimental and controlling ) by using pre and after measurment .

### The Sample :

It had been chosen delibrately and exclusivly way for all blind students of

secondary schools - first year in Cairo who learn by " Braille " , These are the students of the ideal center for blind students " Taha Hossain " and Elnour school in hamamat El Kobba which belongs to " Zaitoon " teaching department in Cairo for 1996/1997 school year and they were 49 students only 48 students and for collecting the reseach data, Reaearch used the following :

***A- Reading :***

He had informed about References , Books and Researchs which related to this research so, he has informed about the development course of sports which applying on the secondary school first year students who they are also the Re-searech sample .

***B- Interviews :***

He had some interviews with some experts in blind field , Their courses and he made some interviews with some teachers and instructors of blind schools .

***C- Suggested Sporting informations scale :***

Researcher had designed written sporting information scale by " Braille " for blind students of first year secondary schools , for measuring the information side of their suggested sporting in formations programe according to the following steps :

- 1- Analysis of the sporting course of blind students of first year - secondary school .
- 2- Specify the information levels af the scale which was the 1st and 2 nd levels of " Bloom " classification concerning about the information and understanding .
- 3- Define the main terms of the scale which :
  - Blind people sport history .
  - Goals of blind people sport .
  - Track and field .
  - Goal ball .

- 4- Specify of validity terms by experts .
- 5- Finding the scale creating ways, so Reseaecher used the " True or false "
- 6- Forming the scale terms and phrases , scale contained 103 phrase at the initial form .
- 7- Forming the Scale correcting key way .

### **Exploration Studys :**

Researcher had made his 1 st exploration study at 4/1/1997 on 24 students for assuring about the scale phrases clarity and forming it to be understanding by re-search stüdenst, also define the studustic coefficients, also researcher made his 2 nd explocation study at 15/1/1997 on the same sample to complete some of sta-tistic coefficients . and after complete it in its final form it contains 58 phrases .

### **Suggested Sporting information Program :**

Researcher had designed a program for sporting informations leading to im-prove the blind students sporting information . Researcher take into his account the basis of the programe design to acheive its goals and the steps of design was :

- 1- Specify the programe goal .
- 2- Analysis of sporting education coures which applyed on the Research stu-dents. .
- 3- Specify the main terms of program after consulting experts, and carried out as follow :
  - Blind pepole sports history .
  - Goals of blind people sporting education program .
  - Physical preparing ( physical fitness meaning - element of physical fitt-ness).
  - Track and field skills ( its importance for blind people - some of law articles which related to concerned skills - track and field skills in the course ) .

- Goal ball ( History - some articles of law which related to concerned skills- Goal ball skills in the Course ) .
- 4- Validity of the main terms by experts .
- 5- Program preparing by converting the sport units into information units by using work analysis or performance analysis to the main terms and phrases which allowed by experts, program had written by " Braille " containing 24 information units and teaching is in 2 units weekly , and the unit time is 60 minutes , totally 24 hrs .
- 6- Program execution time :  
Program execution in the 2 nd half of 1996/1997 of school year, for three months from mid february to mid may 1997 .

**Experiment procedures :**

According to previous exploration study results, Researcher made the pre and measurement at 2, 16/2/1997 on sample both experimental group and controlling group .

**Apply of Suggested sporting informations program :**

Suggested program had applied over the only experimental group students for three months from 17/2/1997 to 15/5/1997 in two hrs weekly .

**Post - measurement :**

Researcher made the post - measurements over the students of experimental group and controlling group after end of the program executing time on experimental group at 17/5/1997 where it was in the same way of pre - measurements .

**Data statistic treatment :**

*Researcher used the following terms :*

Mean - Standard deviation - Relation coefficient - " T " test for examine the differences - facile and defacile coefficient - differentiation coefficient - Relation matrix of the scale phrases - Relation coefficient between phrase and the

term - relation coefficient of the term with the total degrees of the scale - Relation matrix of the scale terms - percentage of advanced value - matrix law of percentages difference .

### **Results :**

- 1- Make sporting information program written by " Braille " for first year of secondary school blind students which is taken from the sporting education course unit .
- 2- Carrying out that the suggested program has Positive effects of developing the informations program of experimental group .
- 3- Superiority of experimental group than controlling group in the informations which pointed to the effectiveness of using the sporting information program and its importance for these class of Blind students .
- 4- Percentage of experimental group advance is more than the percentage of controlling group advance which shows clearly how much informations input gained from program .
- 5- Making scale of sporting informations by " Braille " for blind students and it can measure the advance of experimental group than controlling group in the informations gained .

### **Recomenditions :**

#### ***A- Recomenditions for blind students :***

- 1- Applying the suggested program for first year - secondary school blind students .
- 2- Evaluation of suggested scale after time , after modifications , additions of sporting education course for first year - secondary school blind students .
- 3- Making the scale and the sporting in formation tests to measure the sporting informations for blind students for all students in dififferent schools .

- 4- Excute the sporting informations program related to the sporting education course in schools and instidutes of blind students for its importance in developing the informations for the blind students which leads to increase of thiere perfection and learning of activity skills .
- 5- Increasing of sporting culture for blind students about sporting activities and its healthy and functional importance .
- 6- Sporting education teachers ( instructors ) who works in blind students schools must show thire care about the students information through the exercises .
- 7- Prepare sporting librarys in the blind students schools and centers or make part of the library about sporting informations and knowldgments by " Braille " .
- 8- Inceas of caring of Reseaecher in sporting field for blind students, because still shortage, to solve many problems sporting education course .
- 9- Awarness of officials working in blind people field about their needs and its importance of this informations .

**Recomendations for disableds :**

- 1- Establish a branch in the sporting education faculties for preparing and training of leaders and staff who able to work with disableds particurly blind people .
- 2- Increasing the Researchers about disableds in the sporting field .

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The Sporting informations Wirtten by Braille to improve  
The Sporting informations Field of The Blind Students "**

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