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# **The Effectiveness of a Guidance Educational Program Using Information Technology to Develop the New - Married Couples' Awareness of Home Furnishing and Decoration**

*A thesis submitted to fulfill a degree of Doctor of Philosophy requirements in Home Management, Dept. of Home Economics.*

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**2014**

## ***Summary research***

### ***Introduction & Study Problem:***

Home is not considered a place for residence, but it is a place where living persons try to connect and practice sharing traditions that exist to other generations (Subhi et al, 2001, Sharaf et al, 2005).

Moreover, Nawar, E. (2008) has indicated that home as multi directions phenomenon with a net work patterns related to sociology, economy, culture and ecology.

In big cities, both home position and area is not selected easily due to high population coming of rural areas and high prices of lands in addition to expensive furniture and home tools (El-Khouly, S. 2002). Therefore prepare home and furnish it is necessary for reaching a level of psychological integration for family members (Sharaf & Mady, 2005).

Hadad, G. (1999) revealed that Egyptian families used to follow certain rules in furnishing and decorating home and looking for comfortable and elegant feeling. Thereafter, such home design and decoration became a special course at many universities. Government, in other hand, becomes more interested to develop such new knowledge by advance technology to satisfy the Egyptian community needs (Gouda & Hafiz, 1996).

Because of new information and technology revolution all over the world, the interest turns out to be wider and wider and education suits to be direct and self

benefit by both students and teachers. Researchers have increased their abilities for better youth future and achieve an integrated community development (Abou-Foutoh, 2008). Using digital technology in different life directions has also increased (Magraby, 2007).

Successful multi media and electronics have shown many future promises in this respect (Khalil, 2005), therefore preparation of electronic programs has a positive influence on educators to redirect their thinking towards development (Amer, 2000).

This impression was easily adapted using computer to train and design the internal home parts and furniture, changing models as much as possible (Taha, 1990). This was aimed to cover and employ all home area, spaces and furniture and connect them together (Ali, 2003).

Consequently, understanding the importance of technology at home economics particularly management of childhood and family and their development, the researcher has originated a great need to aware youth with such new technological aspects and skills especially those who will get married.

For this purpose, research is activated addressed this study to measure “the effectiveness of guidance program using modern technology to develop the newly married couples’ awareness about home furnishing and decoration”, through answering the following questions;

1. Do any changeable demographic factors such as age, sex, educational status, place of living, income, parents’ education and career, family size and youth career effect on using technology to aware newly married couple sample of the study?

2. Is there any difference in home furnishing and decoration awareness among youth related to above factors?
3. Is there any relationship between home furnishing and decoration and using technology among the newly married couple sample of the study?
4. What is the effect of the above mentioned factors on the awareness of the newly married couple sample of the study?
5. What are the steps of the suggested technical program on the awareness of newly married couples?
6. What is the effectiveness of this technical program on the development of such awareness?

The main aim of this is to boost and improve the level of awareness for the newly married couple by a guidance technical program using computer on furnishing, decoration and their daily life activities; through other objectives such as:

1. Identify all possible differences in using technology between youth newly married couples using the above mentioned demographic factors.
2. Identify any differences may occur in the awareness of furnishing and decoration among the newly married couples.
3. Distinguish the nature of awareness on furnishing and decoration using technical program for newly married couples.
4. Recognize how far the demographic factors that affect such awareness.

5. Detect any differences between couples' awareness before and after applying the technical program.
6. Identify and measure the size of effectiveness of such guidance technical program on development of that awareness.

***Importance of the Study:***

1. The study focuses on furnishing and decoration and some demographic factors that could effect on living in quiet and integrated place to achieve prosperity.
2. Provide specialized programs to be used at furnishing and decoration.
3. This research is considered an additional aspect to the electronic library by a technical awareness on furnishing and decoration.
4. Advantages of using the modern electronic means (audible and observing) to intensify awareness.
5. Advantages to develop teaching techniques for furnishing and decoration awareness at the diverse education faculties.
6. Using advanced technology parallels modernization to get accuracy and skills using data and information.
7. Using technical information by computer to raise awareness of furnishing and decoration among the newly married couples.

***Proposals of the Study:***

1. There are statistical differences in using technical information between the newly married youth couples according to different demographic parameters (such as age, sex, educational status,

place of living, income, parents' education and career, family size and youth career).

2. There are statistical differences of awareness between the newly married youth couples according to different demographic parameters (such as age, sex, educational status, place of living, income, parents' education and career, family size and youth career).
3. There is an interrelationship between furnishing and decoration awareness and using technical information among youth newly marries couples samples of the study according to above mentioned parameters.
4. The percentage of demographic parameters differs with the awareness degree according degree of family relationships.
5. There are statistical differences between respond of the study samples before (pre) and after (post) test of the technical program; positively account for post-test.

### ***Approach of the Study:***

The research follows or tracks an analytical and experimental technique.

### ***Features and restrictions of the Study:***

#### **First: Sampling**

1. Geographical aspect:  
Urban and rural samples in Fayoum governorate were selected.
2. Human aspect: (classified into 4 groups)
  - a) Experts group which consists of 11 experts (including technical and theoretical) specialized

persons in different areas such as technology, fine arts and management.

- b)** Trial sub-samples group consists of 40 youth newly married couples.
- c)** Main sample group consists of 400 youth newly married couples (age 18 to 30) who live in different rural and urban places and of different socio-economic levels.
- d)** Experimental sample group consists of 100 youth newly married couples who are selected from the main group.

### **Second: Tools of the Study**

- 1.** Family general data sheet/ questioner which includes the following:
  - a)** Parent data (education, career, monthly income, residence, number of family members). (prepared by researcher)
  - b)** Newly married couples data (age, sex, education level, education nature, career). (prepared by researcher)
  - c)** Future home or residence data (place, type – owned or rented, total area). (prepared by researcher)
- 2.** Consideration/steadiness sheet related to furniture and decoration. (prepared by researcher)
- 3.** Technical information sheet. (prepared by researcher)
- 4.** The guidance program by computer on furnishing and decoration. (prepared by researcher)

### ***Methodology:***

1. To initialize detailed information around tools used in the study, a lot of formal and informal interviews were conducted with experts and newly married couples.
2. Prepare the used tools including:
  - a) General data sheet.
  - b) Steadiness/measurement sheet for furniture and decoration by different interviews.
  - c) The proposed guidance technical program on furnishing and decoration.
3. Discussion of tools contents was accomplished with many specialized experts/referees to assess their significance, appropriateness and aim achievement.
4. Variations and modifications were successfully made on tools to suit the research.
5. Implementation of tools on the trial sub-samples group (40 youth newly married couples) to ensure their fitness.
6. Statistically calculation was made to confirm tools.
7. Implementation final tools on the main sample group (200 youth newly married couples from different socio-economic levels).
8. Statistical estimates were formulated to determine the number of samples for final guidance program application.
9. Implementation of the technical guidance program on the experimented sample group.
10. Determination of the program significance using computer.



11. Statistical estimates were determined to achieve results.
12. Explanation and discussion of results.
13. Recommendations clarification.

***Summary of Results:***

1. There is a significant difference (0.01), (0.05) in using technology between newly married couples in favor of urban, high career level young male and female.
2. There is a significant difference (0.01), (0.05) in using technology between newly married couples in favor of parents' high education and high income.
3. There is a significant difference (0.01) in furnishing and decoration awareness among newly married couples in favor of urban, older age, high education level for both male and female.
4. There is a significant difference (0.01) in furnishing and decoration awareness among newly married couples in favor of parents' high education and high income.
5. There is a positive correlation (0.01) between awareness of furnishing and decoration and using technology by youth newly married couples.
6. There is a positive correlation (0.01) between awareness of furnishing and decoration and some demographic variables (place of residence, education level, career type, age, parents' education and income).
7. There is a positive correlation (0.01) between using technology and some demographic variables (place

of residence, education level, career type, age, parents' education and income).

8. There is a significant difference (0.01) among newly married couples for pre and post test on using guidance program applied on furniture and decoration in favor of post test.
9. Effectiveness of free variables (education level and age of male and female) differ with the related variable (using technology) according to relation load and connection degree.
10. Effectiveness of free variables (education level of parents, education level of female, career of male) differ with the related variable (furnishing and decoration) according to relation load and connection degree.

### ***Recommendations:***

#### **General Recommendation:**

1. Support and develop studies and research programs concerning residence or environment.
2. It is necessary for universities to use and employ modern technology and computer capabilities to develop education methodologies.
3. Technical/computer firms should produce and develop specialized programs concerning residence internal design.
4. Utilization of previous studies' results to solve some errors or faults that might be available in furnishing and decoration programs.
5. Prepare and execute rallies and conferences to discuss problems and obstacles facing newly

married couples concerning furniture and decoration of marriage residence.

**Recommendation for mass Media:**

1. Designing/planning new guidance programs for young newly married females for better education and awareness on future marriage residence (furniture and decoration).
2. Mass media should present educated/cultured programs and the importance of residence for young newly married couples.
3. These cultured programs should address all youth aged who want to marry; showing them the residence importance and its psychological and social benefits.

**Recommendation related to home management:**

1. Introduce of multi-programs (such as Auto-Cad, Flash, 3d Max) within courses plan for students at the dept. of home economics and divers education collage to study furnishing and decoration instead of usual method.
2. Implementing training courses on internal designing for specialized female teachers at the dept. of home management to raise and develop their awareness.
3. Prepare some awareness lectures on how to manage residence for those who newly graduated and want to marry.
4. It is necessary to design and implement some modern guidance programs by experts at home economics concerning furniture and decoration.
5. It is important to employ specialized persons and experts at home economics to play a significant role

in developing awareness on home furnishing and healthy environment.

**Recommendations for Universities:**

1. Confirm using different educational aids to develop awareness of newly married couples about furnishing and decoration.
2. Introduction of some modifications needed on the furniture and home internal design courses taught at the home economics and diverse education faculties.
3. Employment the prepared technical program made by this study to develop awareness of newly married couples about furnishing and decoration.
4. Youth teams at universities start to estimate and forecast such furnishing and decoration awareness by computer media disks to develop personal skills of newly married couples.
5. Production of similar educational programs using computer multimedia techniques in teaching.
6. Free guidance leaflets and booklets on residence furnishing as part of family culture should be widespread.
7. Experts and specialized family and childhood should employ a web site to publicize awareness and correct information on furnishing and decoration.

***Recommended Extra Researches:***

1. Study the significance of the guidance educational program by using multimedia techniques to develop awareness of newly married women.

2. Development of furnishing and decoration awareness for house wives and its importance as part of family requirements.
3. Study the physical, elegance and economic integration aspects corresponding to residence internal designing and its effect on marriage harmony for newly married couples.

## ABSTRACT

The Researcher Name : Elham Nser Shaker Abd El-Rahman

The Research Title : The Effectiveness of a Guidance Educational Program Using Information Technology to Develop the New - Married Couples' Awareness of Home Furnishing and Decoration

The research authority : Department of home economics – Faculty of specific education – Ain shams University .

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***Key words:***

- Guidance Program.
- Development of awareness.
- Technical Information.
- Furnishing of residence.
- Decoration of residence.