

Abstract

Introduction:

Our world is witnessing today a series of developmental disorders that occur in all areas of human life and perhaps the most prominent and visible in the field of scientific research and in the field of psychology and Mental Health "autism ,"and is a disorder of autism disorders newly discovered and widespread calls for the concern and especially when interested in the field of disability, and therefore seemed to attention in the recent quality of developmental disorder (autism), and that affects young children and affect their future in life, as many of the modern studies focused on autistic child, especially in recent years.

So we find most of the patrols took psychology in the preparation of specialized articles for this category of children and is no doubt that the increasing global interest in this kind of children have led to the need to intervene and speed the work of specialized studies to learn methods of treatment and the possibility of work training programs and educational and therapeutic help for children with autism.

1-Research problem:

We find that the research problem can be represented in the following question:

What is the term which can contribute to its training program using the computer in the development of attention and auditory responses in children with autism?

And stems of the previous question the following questions:

1. Are there significant differences between the mean scores of tribal measurement and dimensional measurement of the experimental group in ability to pay attention (to respond to the images displayed on the shapes of children with autism) using computer software?

2. Are there significant differences between the mean scores of tribal measurement and dimensional measurement of the experimental group in the ability to responses of auditory scenes and phrases displayed on the children with autism using computer programs?
3. Are there significant differences between the mean scores of tribal measurement and dimensional measurement of the experimental group in ability to pay attention (to respond to the images displayed on the shapes of children with autism using computer programs?
4. Are there significant differences between the mean scores of tribal measurement and dimensional measurement of the experimental group in ability to pay attention (to respond to the time of images and shapes displayed on the children with autism using computer programs?
5. Are there significant differences between the average degrees of measurement pre and post tests of the measurement in the experimental group the ability to responses of auditory scenes and phrases displayed on the children with autism using computer programs?
6. Are there significant differences between the average degrees of measurement pre and post tests of the measurement in the experimental group the ability to audio responses to the time of toe scenes and phrases displayed on the children with autism using computer programs?

2- Research Objective:

Targeted research to identify the role of the training program using the computer in the development of attention and auditory responses in children with autism.

3- Research Importance:

- 1- Importance of research can be formulated in the following
Lack of studies and research addressed to the effective use of

computer software in the development of attention and auditory responses in children with autism.

- 2- Importance of research interest lies in children in childhood and attempt to provide solutions to the problem of attention deficit and auditory responses in children with autism using computer programs as a means of modern technology.
- 3- Try to develop attention and auditory responses in children with autism in childhood stage with using the computer and to help them take a step towards normal growth in the early stages of modern Subsequent stages.
- 4- The present study is an attempt to connect to a training program using computer programs for the development of attention and auditory responses in children with autism.
- 5- Help children with autism to achieve compatibility with the psychological and social environment surrounding. And with the other two individuals through the development of attention and responses auditory when these children.

4- Search limits:

The boundaries of research in the number of sample "of children with autism" and the eight children of the following places:

- 1- School of Education intellectual city of Banha.
- 2- Management Association in Banha "The children attending the Assembly of the administration".

And the age of these children, are from" (6-10) years and has been applied to a training program using computer programs for the development of attention and responses to audio in children with autism in a period (four months) the rate of three sessions per week and take the average time for each session of (30-45 minutes) with a total reduction of meetings (48 meetings).

5- Search Terms:

The search includes some of the important terminology:

1 - Autism

2- Attention

3- Hearing

4- Computer

6- Tools and statistical methods used in the research:

First: The research tools:

And tools are used in the research as follows:

- 1- Gilliam Autism Rating Scale (GARS), Authorship " James Gilliam " Arabization and prepare/ Adel Abd Allah Mohamed / 2006 .
- 2- Measure of attention deficit disorder accompanied by an increase of motor activity in children" prepare/ El Sayed Ali Sayed Ahmed /1999.
- 3- Main tool used in the program is "Laptop ".
- 4- A computer program for the development of attention and auditory responses in children with autism.
- 5- Protector to display the development program attention and auditory responses with more Clarity.
- 6- Claim forms to record the responses of children to the images and shapes and also to the scenes and phrases in the sample of the survey and in the pre and post measurement and iterative, the scenes and phrases in the exploratory sample and measuring the program and the tribal and telemetric measurement and iterative.

Second: The statistical methods used in the research:

And has been used two methods statisticians "Wicoxcon test".

7- Research Results:

The search results are in the following important points:

- 1- The presence of statistically significant differences between the mean scores measuring pre and post tests of the measurement of the experimental group in the ability to pay attention (to respond to pictures and shapes shown on children with autism) using the computer program.
- 2- The presence of statistically significant differences between the mean scores measuring pre and post tests of the measurement in the experimental group the ability to audio

for the viewer responses and statements presented on children with autism using the computer program.

- 3- There is no presence of statistically significant differences between the mean scores measuring pre and post tests of the measurement of the experimental group in the ability to pay attention (to respond to pictures and shapes shown on children with autism) using the computer program.
- 4- There is no presence of statistically significant differences between the mean scores measuring pre and post tests of the measurement of the experimental group in the ability to pay attention (to respond to the time of pictures and shapes displayed on the children with autism) using the computer program.
- 5- There is no presence of statistically significant differences between the mean scores measuring pre and post tests of the measurement in the experimental group the ability to audio for the viewer responses and statements presented on children with autism using the computer program.
- 6- There is no presence of statistically significant differences between the mean scores measuring pre and post tests of the measurement in the experimental group the ability to audio for the age of the viewer responses and statements presented on children with autism using the computer program.

And through the presentation of these results is clear to us that the search results have come to the effectiveness of the training program using computer programs in the development of attention and auditory responses in children with autism.