

The Effectiveness Of Acting Puppets On The Level Of Skill Performance Of Tennis And the Level Of Harmonic Behavior Of Beginners Special Olympics.

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Introduction:

Represents the issue of pupils mentally handicapped (able to learning), the focus of great interest in various communities around the world because they are in dire need of continuous and sustained efforts and comprehensive care of integrated from various social institutions such as the family, school, and scientific research centers and society in general, in order to take care of them in order to live a normal life effective and productive, so they need programs to be planned carefully, and choose the content of programs on a scientific basis commensurate with the characteristics and requirements of growth and orientation. (42: 77)

Although the disabled child mentally can not acquire the skill with a high degree like normal children, but emphasis should be placed on trying to teach some mathematical skills that fit the condition which does not require many cognitive dimensions or consensus high between his body parts at the same time working to increase the fitness level of fitness and improve muscle tone in order to impart a proper texture or help him or repair may be suffered from defects Qguamah. (33: 62)

Therefore, the specialized bodies in the care of the mentally handicapped to provide many sports activities for students with disabilities, and among these activities ground tennis and running on the fitness development of fitness, such as endurance regular respiratory, speed, compatibility, balance and agility, they also earn practitioners a range of social and psychological values. (7: 23) (5:22)(46: 222)

Valtns favorite pet sport I have all ages and suitable for both sexes throughout the year and lifetime also it calls the "sport of life", and exercised either individually or in pairs within especially equipped with playgrounds, and characterized it does not need a large number of players, and there is a particularly my body with competitor and can do in the stadiums open or covered alike as the time of the game is limited specific Valambarah a number of groups, it also requires the child Guo in the muscles of the arms with steering the ball accuracy. (23: 14)(21: 246)

Research problem:

By visiting researcher for the Women 's Association in Assiut, which includes mentally handicapped children (who are able to learn) and attending the Olympics private Egyptian in the sport of tennis, and through observation intended during the training of learners on the tennis skills, a researcher , she noted that there is a decrease in the level of skill performance for practitioners of Sport tennis.

By asking teachers and mentors how this class benefits from the different teaching aids provided to them? The researcher concluded that they do not have a method used by those involved in teaching and training sports skills in general and tennis in particular for these learners with special needs, and they have nothing to provide them with learning in a way that is desirable for their souls, and the total accreditation of those in education and training to explain and give a model only without the use of By an educational means through which we can communicate the skills to be learned to learners and therefore they do not enjoy what they do because

they lack the element of suspense and excitement and what is presented to them does not raise their motivation towards learning.

This was indicated by the study "Hussein Fouad Jaballah" (2003 AD), where it confirmed that tennis is one of the mathematics that needs a lot of time and perseverance to learn it. Teaching tennis skills requires exerting more effort to reach it to a decent level of practice, so it was necessary to use The means and tools that arouse the learner's motivation towards the learning process, especially for beginners, and that are appropriate to the nature of the Sunni stage until the teacher succeeds in achieving the objectives of the educational program. (11: 32)

Then, the researcher conducted an unconverted personal interview with the members of the teaching staff, with a specialization of modified physical education with the aim of collecting information on the latest developments in innovative educational methods that are likable and exciting to the category of mentally handicapped who are able to learn, and there was a consensus that the representative brides are considered It is one of the best methods for the same children and thus helps them to understand the information provided to them and be a reason to learn tennis skills in a better, faster and perfect way.

Which encouraged the researcher and paid to think about the use of brides to teach the skills of representational tennis (strike - end - strike back) to work on upgrading the technical solution for beginners and provide motivation towards the practice of the game and keep them And that since they are used as educational and recreational means to satisfy children's needs and preferences in the light of the program, which was developed by the International Federation of Ground Tennis Special beginners.

Research objectives

The research aims to find out the effect of the use of brides in tennis on representational:

- 1- the level of performance of some tennis skills (front straight blow, blow straight back) to the Special Olympics beginners.
- 2- The development of some aspects of the behavior of the harmonic Special Olympics beginners.

Research hypotheses:

1. There are statistically significant differences between the mean scores of tribal measurements and Posterior of the sample in question in the performance of some of the skills level of tennis (straight strike front, and hit straight back) in favor of telemetric.
2. There are statistically significant differences between the mean scores of tribal measurements and Posterior of the sample in question in some aspects of harmonic behavior in favor of telemetric

The terms in the search:

Representative brides:

It is a collection of cartoon forms in the form of clothes worn by teachers to appear in front of children in the form of puppets that can be seen on television in order to do some tasks to reach a certain goal.(5: 45)

Mentally handicapped able to learning:

They are students , who range from the proportion of their wits between 50-70 degrees on the Stanford -banah test, called a class who are able to learn what they have the ability to the possibility of benefiting from the special education programs commensurate with the levels of mental abilities.(44: 361)

Harmonic behavior:

Behavior or the way that the expected performed by children of different businesses and their peers, which reflects their behavior and chronological age. (40: 32)

Special Olympics:

Is an international program is providing training and sports competitions throughout the year, through a total of character of the Olympic Games, the mentally handicapped individuals who are aged eight years and older. (6: 5)

Previous studies (24),(35)(25)(16)(48)(50)

Search plan and procedures:

Research Methodology:

The researcher used the experimental method with experimental design for one group by tribal and dimensional measurement, due to its suitability for the nature and purpose of the research.

Research Society:

Included research community beginner children to learn tennis Special Olympics Ground Egyptian, Women's Association in Asyut in 2017/2018 m's (35) Newbie age ranges (12: 16) years.

The research sample:

The research sample included (15) beginners whose iq swelled from (50% to 70%) They were selected in a deliberate manner after excluding the number of (10) beginners below the required intelligence level, i.e. their qi ratio is less than (50%) (Unreachable and training), and (10) beginners from the same researcher community and outside the basic sample were selected as a group for the exploratory study

Data collection tools:

First, analysis of documents (records as one of the official documents):

The researcher used the available records of the Special Olympics Department of The Assiut Branch, to obtain data on the individuals of the sample such as number, age and degree of intelligence.

Secondly, the tests used in the research:

1. IQ test:

The researchers used a sample of women's IQ recorded at a special Olympic Games, used by every novice with Egypt's Special Olympic Games Stan Ford University's positioning and quantification include 36 Stan Ford benia, who applied for the Special Olympics.

2. Physical tests:

The researcher has an inventory of physical abilities and tests that measured based on what came by scientific references and previous studies such as both (1), (8), (9), (23), (43), (44), (45), (49) associated with tennis, and reached the researcher to design a form opinion facility poll (2) to determine the physical abilities associated with the sport of tennis and tests by setting (three tests) in front of all the capacity of physical capacity was offered to 10 experts gentlemen in the field of tennis and teaching methods of education modified sports facility (1) shows that

In the form of the result of light, of which were FORM presented to Messrs. Experts have been reached to the physical abilities associated with skillfully strike straight front, and strike back straight and tests that measure these capabilities in its final form has been identified described physical testing facility (3)

3. skill tests:

The researcher analyzed the scientific references and previous studies of tennis like both (2), (3), (4), (8), (9), (11) so as to achieve the skills that are frequently used and also a priority teach those skills, which are commensurate with the age of and the level of the sample, and then was developed form to determine the basic skills commensurate with the age and the level of the sample (under discussion), and also specify the tests that measure these skills, the researcher developed three tests for each skill facility (4) has been presented to Messrs. experts Facility (1) to identify tests that measure basic skills in question was chosen as a test strike and strike the front and rear so Sunni suitability stage (under discussion), has been confirmed the validity of this test to conduct scientific transactions done.

Scientific transactions of physical and skill tests:

A- The sincerity of the content:

The test was presented to a number of masters of experts specialized in the sport of tennis facility (2), (4), where they agreed on physical and skill tests that measure the basic skills (under consideration), then the description of the physical tests and skills facility (3), (5) and agreed the masters of the experts on Adequacy and completion of the test to measure what was put for it.

B- The sincerity of the peripheral comparison:

To ensure that the tests are valid to apply to the basic search sample, the sincerity and consistency of those tests were calculated as follows:

The sincerity of physical and skill tests was found using the peripheral comparison method (fours) by calculating the value of the average differences between the higher spring and the lower spring of the grades on the survey sample from outside the basic sample and similar from within the research community and strength (10) beginners, Table (1) explains this

Table (1)
honesty factor tests physical abilities and skills in tennis (n = 10)

	Tests	Quarters top		Quarters Minimum		Value (t)
		V	s	V	S	
Physical tests	Pushing a 3 kg medical ball	2.58	0.04	2.22	0.15	6.92
	Wide jump of stability	120	5.88	100.20	6.78	8.90
	Enemy 20 m from the high start	4.80	0.60	6.50	0.89	7.21
	drape the trunk in front of the bottom of the stand	2.33	1.26	2.00	0.75	4.02
	The slanted flat ness of the stand	3.67	0.89	3.00	0.85	3.22
	Throwing and receiving balls	4.22	0.44	3,10	0.91	4.01
	Correction by hand on the overlapping rectangles	3.99	0.44	2.41	0.56	7.31
skill tests:	Strike straight front	3.10	1.19	1.90	0.73	11.69
	Strike straight back	2.70	1.25	1.01	0.96	8.20

The value of (v) Tabulated at the level (0.05) = 2.101

Seen from the table (1) There were significant statistical differences between the quarters upper and lower tests physical abilities and skills for the benefit of spring up as the value of (t) calculated greater than the value of (T) spreadsheet at the level of moral 0.05, indicating that the tests on the high degree of honesty .

Stability:

To find the stability of physical tests and skill in tennis in question used the researcher application method of testing and re-applied to a sample of 10 starters from within the research community and outside of the sample core interval of a time frame of (7) days between the two applications and a correlation coefficient between the first and second application table (2) illustrates this:

Table (2)
correlation coefficient between the two applications first and second in the same exploratory physical abilities tests and skill under (n 1 = n 2 = 10)

	Tests	The first measurement		Second measurement		Correlation coefficient
		V	s	v	S	
Physical tests	Pushing a 3 kg medical ball	3.18	0.36	2.42	0.11	0.81
	Wide jump of stability	14.11	4.04	8.53	0.57	0.91
	Enemy 20 m from the high start	180.38	1.48	161.60	1.51	0.84
	drape the trunk in front of the bottom of the stand	17.44	0.54	12.20	0.44	0.72
	The slanted flat ness of the stand	18,23	1,51	18,10	1,51	0.86
	Throwing and receiving balls	3.10	1.19	4.00	1.15	0.96
	Correction by hand on the overlapping rectangles	2.70	1.25	3.90	0.96	0.95
skill tests:	Strike straight front	3.18	0.36	2.42	0.11	0.81
	Strike straight back	14.11	4.04	8.53	0.57	0.91

The value of (v) Tabulated at the level of significance (0.05) and 8 degrees of freedom (n-n 2) = 0.63

As shown in the table (2) that all the values of correlation coefficient between the first application and the second tests the physical abilities and skill in tennis under discussion ranged from (0.72, 0.96) and all D morally at a level significantly (0.05), which is a function of correlation coefficients are statistically indicating that these tests on the acceptable degree of consistency.

4. Conduct a measure of the harmonic American Society Disability mental: (preparation / Henry Leland, Ray Foster- translation Safwat Farag, Nahed Ramzy) (40) Attachment (6):

The researcher introduced the dimensions of scale harmonic behavior in the form questionnaire, and presented to the gentlemen experts facility (1), to choose a more dimensional and determine which commensurate with the stage Sunnite of the same question, and Artadhat researcher dimensions which got 80% and above, and facility (6) shows the results of a poll of experts

Scientific transactions of the harmonic behavior scale:

Account honesty:

The validity of differentiation was used by the peripheral comparison method, where the scale was applied to the total research sample of (10) beginners, then ranked their scores downwards and the peripheral comparison by calculating the value of the averages of the differences between the upper and lower spring for the survey scores, and a table (3) He explains it.

**Table (3)
Indication of differences between higher and lower levels in the harmonic behavior scale (N=10)**

	Harmonic behavior skills	Quarters top		Quarters Minimum		Value (t)
		V	S	V	S	
part One	Physical growth	11.23	0.61	9.15	1.02-	*5.25
	activity vocational	10.21	2.90	8.02	2.28	*3.78
	Guying self -	9.89	1.50	7.09	1.01	*3.20
	socialization of	8.80	20.45	10.00	1.71	*3.21
part two	violence and destructive behavior	15.56	2.65	18.52	2.25	*2.55
	Rebellious behavior	15.00	1.08	16.88	2.11	*2.37
	Withdrawal behavior	8.75	0.87	8.83	0.72	*3.21
	Self-harm behavior	1.20	45.	2.40	0.55	*2.88

V "Tabulated at (0.05) = 2.101 * D

Seen from the table (3) There were statistically significant differences between the spring, the highest in the scale of harmonic behavior skills and Near (Part I) for the benefit of spring up as the value of (t) calculated greater than the value of (t) Tabulated at the 0.05 level, indicating that the scale on acceptable degree of honesty

Stability:

o find stability measure behavior harmonic is full the special needs of mentally researcher used the method of application testing and re-applied to a sample of 10 starters from the same research community and outside of the original sample researcher used the results of tests honesty as the first application, and then re-apply the tests and the interval of time frame (7 days) and the table (4) shows that:

Table (4)
correlation coefficient between the application and re - application to measure the harmonic behavior partially (n = 10)

	Harmonic behavior skills	Test		Re- test		Value "R" Calculated
		V	S	V	S	
part One	Physical growth	9.83	0.43	9.88	0.40	*0.97
	activity vocational	10.85	1.02	10.11	1.22	*0.96
	Guying self - socialization of	8.55	0.98	9.00	1.32	*0.69
part two	violence and destructive behavior	11.10	0.32	11.20	0.52	*0.67
	Rebellious behavior	16.00	2.16	15.20	2.25	*0.89
	Withdrawal behavior	15.80	1.12	15.85	1.09	*0.86
	Self-harm behavior	8.90	0.91	8.75	0.97	*0.93
		1.65	0.67	1.55	0.69	*0.90

The value of (v) Tabulated at the level of significance (0.05) and 8 degrees of freedom (n-n 2) = 0.63

Seen from the table (4) that the correlation coefficients between the application and re-application in behavior scale harmonic skills (Part II) ranged from (0.67: 0.97), a function of correlation coefficients are statistically indicating that the scale on an acceptable degree of stability.

Statistical description of the sample in the variables under consideration:

The researcher conducted the statistical description of the sample research in the basic variables growth rates (age- height - weight), mental age, physical variables, skill ary variables, the measure of consensual behavior of the mentally disabled, and a table (5) shows this:

Table (5)
arithmetic average and standard deviation and coefficient of torsion growth rates, age , mental and physical variables and cognitive skills and research sample (n = 15)

Search variables	Statistical treatments	Unit of measurement	Arithmetic mean	standard deviation	Coefficient of torsion
Growth variables	Age	To the nearest year	14.07	0.96	0.69-
	Height / cm	Cm	163.77	10.45	0.14
	Weight / kg	Kg	58.87	12,67	0.48
Mental variables	Intelligence	Degree	60.17	2.45	0.60
	mental age	To the nearest year	7,15	2.66	0.015-
Variables physica	Pushing a 3 kg medical ball	Meter	2.46	0.12	0.27-
	Wide jump of stability	Cm	116	3.45	1.64
	Enemy 20 m from the high start	Seconds	6.44	1.30	0.24-
	drape the trunk in front of the bottom of the stand	Cm	2.44	0.77	0.25-
	The slanted flat ness of the stand	Number	3.60	0.55	0.95
	Throwing and receiving balls	Number	4.33	0.90	1.22
Skill variables	Correction by hand on the overlapping rectangles	Number	3.11	2.22	0.11
	Strike straight front	Degree	3.21	0.88	0.91-
	Strike straight back	degree	3.11	0,76	0.79

Table (6)
arithmetic average and standard deviation and coefficient of torsion scale harmonic behavior to
partially sample (n = 15)

	Statistical treatments	Unit of measurement	Arithmetic mean	standard deviation	Coefficient of torsion
part One	Physical growth	Degree	10.56	1.02	0.66
	activity vocational	Degree	11.21	1.54	0.88
	Guying self -	Degree	8.46	1.66	0.97-
	socialization of	Degree	9.85	2.35	0.10-
part two	violence and destructive behavior	Degree	17.56	2.65	0.67
	Rebellious behavior	Degree	16.02	2.59	0.22-
	Withdrawal behavior	Degree	8.98	0.78	0.81-
	Self-harm behavior	Degree	1.63	0.49	1.27-

It is clear from my table (5), (6) that the values of the coefficients of sprains ranged from (-0.10, 1.64) indicating that sample measurements in growth variables, mental abilities, cognitive, physical, skillary variables and the measure of harmonic behavior of the mentally handicapped have occurred under the moderate orientation and this indicates that individuals The sample represents a moderate society in these variables.

Fifth: Educational program using puppets:

The researcher has reviewed many scientific references and previous studies that dealt with the use of representative brides in teaching children different skills (13), (14), (15),(17),(18), (22)(27),(28),(30), (32),(34), (41), and most of them agreed that the stages of the preparation of the educational programme using puppets are summarized as follows:

- 1.The study and analysis stage.
2. Preparing and design stage. (1) (2) (3) (4) (8) (9) (11) (12) (21) (22) (26) (37)
3. Production stag.
4. Evaluation stage.

Surveys:

(A) study exploratory first:

The researcher conducted the first exploratory experiment during the period from 13/7/2018 to 23/8/2018 in order to experience the tools and devices and to identify the difficulties that may face a researcher at the implementation, and the legalization of scientific transactions for the tests in question (physical and skill and scale harmonic behavior).

(B) study the second exploratory :

The researcher conducted the second exploratory study it on 27/8/2018, teaches two lessons before the basic experience of the group under the experimental research

The results of this study resulted in the achievement of its objectives and to reach the final form of the educational units of the proposed facility (8).

Basic experience and measurement of tribes and dimensions of research:A- Tribal measurement:

a- Tribal measurements of the experimental group were conducted in the variables (skills - harmonic behavior scale) in question, from 13 September 2018 to 17/9/2018.

B- **Basic experience:**The basic experiment was applied to the experimental group under consideration from 20/9/2018 to 20/11/2018.

C- Dimensional measurement:

The dimension measurements of the experimental group were carried out in the variables (skills - harmonic behavior measure) in question, from 22/11/2018 to 26/11/2018, and the researcher took into account that the dimensional measurements were in the same conditions as tribal measurements.

Statistical treatments::

- Average arithmetic - Standard deviation - Sprain coefficient- Flating coefficient - Link factor.
- Stability factor using alpha krubinakh coefficient- Test (t) Differences T test.

View and discuss the results:

Table (7)
significance of differences between the averages of the two measures Badaan for the two experimental and control group in basic skills (under) (n = 15)

Statistical treatments Test (in consideration)	Tribal measurement		Dimension measurement		Value (t)	Percentage of improvement
	Average	Standard deviation	Average	Standard deviation		
Strike straight front	2.85	1.59	6.85	1.78	*18.37	31.80
Strike straight back	1.90	1.48	5.85	1.22	*29.20	24.50

The value of (t) at the level of spreadsheet (0.05) = 2.05

Table (8)
denote differences between the averages of tribal and dimensional measurements of the experimental group in question and the percentage of improvement in some aspects of the behavior of the harmonic research sample (n = 15)

	Harmonic behavior skills	Tribal measurement		Dimension measurement		Value (t)	Percentage of improvement
		V	S	V	S		
part One	Physical growth	10.55	1.00	15.04	1.45	2.90	29.37
	activity vocational	11.22	1.50	15.21	1.00	2.66	26.33
	Guying self -	8.66	1.20	9.26	0.52	5.33	6.67
	socialization of	9.86	1.01	14.55	1.55	2.54	32.44
part two	violence and destructive behavior	17.57	2.60	13.24	1.13	2.32	32.66
	Rebellious behavior	16.02	2.59	11.56	1.27	2.42	38.59
	Withdrawal behavior	8.75	0.87	5.33	1.07	6.45	64.17
	Self-harm behavior	1.58	0.51	1.08	0.29	3.32	46.28

The value of (t) at the level of spreadsheet (0.05) = 2.05

Discuss the results:

Seen from the table (7) There are significant differences between each of the degrees of tribal measurement and degrees dimensional measurement research group pilot in the level of performance of the skills in question for the benefit of dimensionality measurements measurements of the group experimental question in performance skills to use representational brides that address in Neophyte all his senses and help him visualize dynamic full of skill and thus evoke motivation towards practical its application, as well as relying on the research sample performance, according to their limited , with the upgrading and development in performance in simple borders, and linked Palmthirat, which referred to both this as evidenced by the study of both Heba Ahmed Ahmed (2007) (38), Wael Abdul-Rahim Ibrahim (2008)

(41), the Khalifa (2014) (30), Azza Ahmed (2015) (25), Abeer Tariq (2016), where he pointed to a N brides representative lead to changes in the level of learning skills and confirmed those studies that the use of brides representative in the process of education and learning have an impact in the education of children's motor skills.

This is confirmed by both "Abdul Hamid Sharaf" (2002), "Aziza Ibrahim Al Houli (2002) that people with special needs mentally, he can do what asked of responses, so that they are within the limits of its capabilities, and to fit in some distinctive stimuli. (22: 50) (26: 80))

This is in line with what was confirmed by the results of a study of both Heba Salah Salem "(2007) (39)," Rania Ragab Ibrahim "(2010) (14)," Heba Ahmed Ahmed "(2010) (38) and the study of " Sabah Mahmoud Abdullah " (2011) (20), "Shaima Hussein Abdel - Hamid" (2011) (19), "Fatima Mahmoud Salman" (2012) (31), "Azza Ahmed Mohammed" (2015) (25) that the use of brides representative positive impact and effectiveness high in the education and performance of different skills for children, and achieve new results when used in all areas.

It is clear from Table (8) There are significant differences between each of the degrees of tribal measurement and degrees dimensional measurement research group experimental in all the dimensions of the first part (developmental behavior) and Part II (behavioral deviations) of the scale harmonic behavior for the benefit of dimensionality

Measurements as shown in Table (8) the impact of brides on the development of some representational aspects of the harmonic behavior of the research sample has reached the best effect in saluting after the withdrawal amounted improvement ratio (64.17), while the lowest was in effect after the self-reaching guidance (6.67)

The researcher attributes this improvement in the level of harmonic behavior skills to the use of representative brides in blinding for beginners where the selected activities were guided scientifically and deliberately for the development of consensual behavior. more positive than it had an indirect effect in emphasizing the achievement of the goal.

In implementing, he took into account some basic scientific principles, including the use of positive and negative reinforcement, which is one of the methods for educating children with special needs mentally, which is referred to by Hassan Mohammed Al-Nawasra (2006) (12), Walid Al Sayed Khalifa, Murad Ali Issa(2006) (42) Methods of modifying the behaviour of people with special needs mentally, the method of positive reinforcement and negative reinforcement, to come reinforcement immediately and after the desired behavior, which is intended to be taught to the mentally disabled, and that this reinforcement results in the education of new behavior, as confirmed by the Study of Faiza Ahmed (2012)(64) She pointed out that representative brides are modern means of education, which lead to fundamental changes in concepts, relationships and characteristics.

Conclusions:

- 1-The educational program using brides representative has a positive effect statistically significant on the level of cognitive achievement and performance skills among people with special needs mental junior special in the Olympics Education strike tennis skills (ground - end - strike back) floor.
- 2- The proposed educational program has a positive representative bride D effect on the statistical aspects of the behavior of the development of consensual people with special needs mentally junior education in the Special Olympics tennis skills.

•Recommendations:

1. The application of similar programs using brides representative on the rest of the tennis skills more research using brides representative on the various sports activities to upgrade the educational process.
2. The need to apply the brides representative in the strategy of intellectual education schools, because of its positive and effective impact on the skill level and the social Students with mental disabilities.
3. The interest in training the student teacher in the Faculty of Physical Education to deal with students with special needs of mentally through the process of education.

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