Citation: Halaa Soliman, Sara Mahran (2024), The Role of Psychodrama tic Fashion in Developing the Cognitive Skills for Children with Autism Spectrum, International Design Journal, Vol. 14 No. 5, (September 2024) pp 65-83

The Role of Psychodrama tic Fashion in Developing the Cognitive Skills for Children with Autism Spectrum

Dr. Halaa Mohamed Mostafa Soliman

Assistant Prof; Clothing and Textiles Department Faculty of Home Economics Helwan University

Dr. Sara Ibrahim Mohamed Mahran

Assistant Prof; Clothing and Textiles Department Faculty of Home Economics Helwan University

Abstract:

Cognitive skills are one of the most important aspects that both psychotherapists and parents work to train children with autism spectrum disorder in, as these children suffer from severe deficiencies in cognitive skills. Therefore, they need intervention in various ways with the aim of developing this deficiency, enabling them to acquire the cognitive skills that help them communicate and interact with the surrounding environment. Psychodrama is one of the most important of these methods, as it has an important role that cannot be ignored as an art that combines many skills and abilities, in addition to being an effective therapeutic method. For children with autism spectrum disorder, the research problem's focused on the role of Psychodrama Fashion in developing the cognitive skills of children with autism spectrum disorder. The research objective to study the characteristics of children with autism spectrum disorders, design proposals for Psychodrama Fashion to develop their cognitive skills, and implement Psychodrama Fashion that achieved the highest degrees of acceptance. By the research samples, the research also aimed to measure the degrees of acceptance of both specialists and consumers (psychologists) for the proposed fashion Psychodrama designs for children with autism spectrum, and to measure the degrees of response of children with autism spectrum (the research sample) to Psychodrama fashion designs in developing cognitive skills according to the opinions of (the specialist psychological).

The research followed the descriptive approach with application in order to suit it with answering the research questions and verifying its hypotheses. The research sample was chosen intentionally from among children with autism spectrum, with (6) children aged between (4: 7) years, and the results reached the following:

- There are statistically significant differences at the level of (0.01) between the seven Psychodrama fashion designs in achieving the aesthetic, innovative, and functional aspects according to the opinions of specialists.
- There are statistically significant differences at the level of (0.01) between the seven Psychodrama fashion designs according to the opinions of specialists.
- There are statistically significant differences at the level (0.01) between the four Psychodrama fashion designs implemented according to the opinions of the consumer "psychologist".
- There are statistically significant differences at the level of (0.01) between the average scores of the response of children with autism spectrum to psychodramatic Fashion in developing cognitive skills according to the opinions of the "psychologist" in favor of the post-measurement.

Keywords:

Fashion - Psychodrama - Cognitive skills - Autism spectrum

References:

- 1- Ibrahim Al-Zariqat (2004 AD): "Autism between characteristics and treatment", Dar Al-Awael for Printing and Publishing, 1st edition, Amman.
- 2- Osama Muhammad, Moza Saif, Rawan Ahmed (2022 AD): "Autism Spectrum Disorder", Al-Yazouri Publishing House, Amman, Jordan.
- 3- Asmaa Badr, Souad Abdel Aziz, Shaima Abdel Fattah (2021 AD): "The effectiveness of a theatrical program for developing some social skills among children with mild mental disabilities in integration schools," Journal of Childhood Research and Studies, Faculty of Early Childhood Education, Fayoum University, Volume 14., No. 1, June.
- 4- Asma Ali Ahmed and Tufaha Musa Abdel Hamid (2022 AD): "Textile formulations whose elements are derived from the creativity of children with mild and moderate autism," published research, Journal of Research in the Fields of Specific Education, Minya, Volume Eight, Issue 43, November.
- 5- Al-Sayed Al-Khamisi (2021 AD): "Differences in giftedness according to cognitive skills among gifted and nongifted individuals with autism spectrum disorder from the point of view of mothers and teachers," Journal of Educational Studies and Research, Volume 1, p. 1.
- 6- Al-Sayyid Abdel Hamid, Abdullah Muhammad (2003 AD): "Diagnostic Guide for Autistics", Dar Al-Fikr Al-Arabi, 1st edition, Cairo.
- 7- Al-Shaima Sabry, Mohamed Shahdi Ahmed, and Ahmed Wahid Mostafa (2023 AD): "Using gamification tools to build design techniques suitable for building products for autistic children," published research, International Design Journal, November, Volume 13, Issue 6.
- 8- Umm Muhammad Jaber Al-Sayyid and Mai Ali Hammoud (2023 AD): "Designing and producing animated dolls for cognitive games to develop children's clothing skills," published research, International Design Journal, November,

Citation: Halaa Soliman, Sara Mahran (2024), The Role of Psychodrama tic Fashion in Developing the Cognitive Skills for Children with Autism Spectrum, International Design Journal, Vol. 14 No. 5, (September 2024) pp 65-83

Volume 13, Issue 2, March.

- 9- Omaima Raouf Muhammad and Shaima Galal Ali (2020 AD): "The effectiveness of new educational cards using automatic and manual knitting to develop some communication skills for an autistic child," published research, Egyptian Journal of Home Economics, Volume Thirty-Six, Issue 1, January.
- 10- Ayat Abdel Fattah Abdel Wahab (2021 AD): "The effectiveness of using digital musical theater in developing receptive and expressive language skills and its impact on improving social interaction among children with autism spectrum disorder," Journal of Childhood Research and Studies, Faculty of Early Childhood Education, Beni Suef University, Vol. 3, No. 6, December.
- 11- Iman Hamed Mahmoud (2013 AD): "The effectiveness of a proposed program for developing the clothing taste of autistic children," Journal of Specific Education Research, Mansoura University, No. 23, October.
- 12- Enas Mahmoud Khalaf, Sarah Ibrahim Muhammad, and Shaima Mustafa (2024 AD): "Children's Clothes between Choice and Application," General Authority of Dar Al-Kitab, 2nd edition, Cairo.
- 13- Taghreed Hosni Ahmed, Raja Mostafa Muhammad, and Shaima Ahmed Abdel Latif (2021 AD): "Design treatments to extend the consumer life of clothes for autistic children," published research, Hewar South Magazine, Faculty of Specific Education, Assiut University, Volume 4, Issue 10, January.
- 14- Jamal Al-Khatib, Mona Al-Hadidi (2016 AD): "Early Intervention, Special Education in Early Childhood," Dar Al-Fikr Publishing, 9th edition, Amman.
- 15- Jamila Zahir Musharraf and Duaa Muhammad Abboud (2020 AD): "Suggested clothing designs to meet the special needs of autistic children," published research, International Design Journal, April, Volume 10, No. 2.
- 16- Hazem Abdel Fattah Abdel Moneim, Sarah Ibrahim Muhammad (2020 AD): "Designing models and implementing children's clothing", General Authority of Dar Al-Kitab, 2nd edition, Cairo.
- 17- Rania Saad Mohamed (2021 AD): "Design treatments for clothing for children with hyperactivity disorder in light of functional and aesthetic requirements," Egyptian Journal of Home Economics, Volume 37, Issue 2, December.
- 18- Sahar Ali Zaghloul, Walaa Samir Othman (2023 AD): "Creating sustainable educational clothing designs for children with learning difficulties using the (Biometric) strategy," published research, International Design Journal, Volume 13- Issue 1 - January.
- 19- Suha Ahmed Amin (2008): "The effectiveness of an early intervention program to develop joint attention for autistic children and its impact on developing their level of social interactions," Journal of Educational Sciences, Institute of Educational Studies, Cairo University, p. 43.
- 20- Abdel-Rahman Sayed Suleiman (2001 AD): "Autism Disability", Zahraa Al-Sharq Library, 1st edition, Cairo.
- 21- Abdullah Hussein Al-Zoubi (2015 AD): "Autism and developing communication skills among autistic children," Dar Al-Khaleej for Publishing and Distribution, 2nd edition, Amman.
- 22- Abdullah Milad Al-Zalat (2024 AD): "Behavioral intervention to treat autism spectrum disorder (ASD) Applied Behavior Analysis (ABA) strategy as a model," Scientific Journal of the College of Education, Volume 3, No. 1, January.
- 23- Emad Ahmed, Mohamed Abdel Azim, and Mohamed Galal, 2021: "Psychometric properties of the cognitive skills scale on a sample
- 24- Qahtan Al-Zahir (2009 AD): "Autism", Dar Wael for Publishing and Distribution, 1st edition, Amman.
- 25- Majda Maamoun Salim, Nihal Muhammad Hassan, and Elham Abdel Aziz Muhammad (2017 AD): "Clothing Education", Al-Ikleel Library, Kingdom of Saudi Arabia, 1st edition.
- 26- Muhammad Abu Al-Rab (2018): The effectiveness of a program based on psychodrama in improving the social competence of students with learning difficulties, Journal of Educational and Psychological Studies, Sultanate of Oman, Volume 12, p. 1.
- 27- Mohamed Ahmed Khattab (2018 AD): "Psychodrama, Jacob Levy Moreno", Anglo-Egyptian Library, Cairo, Egypt.
- 28- Muhammad Abdel Halim Sorour (2022 AD): "The effectiveness of using psychodrama in improving social competence and reducing linguistic disorders among children with learning difficulties," Scientific Journal of the Faculty of Specific Education, Faculty of Specific Education, Menoufia University, No. 31, July.
- 29- Muhammad Abdel Halim (2022 AD): "A program based on some creative drama activities to improve the linguistic proficiency of children with mild mental disabilities," Scientific Journal of the Faculty of Specific Education, Faculty of Specific Education, Menoufia University, No. 32, November.
- 30- Muhammad Abdel Halim (2022 AD): The effectiveness of using psychodrama in improving social competence and reducing linguistic disorders in children with learning difficulties, Scientific Journal of the Faculty of Specific Education, Faculty of Specific Education, Menoufia University, No. 31, July.
- 31- Autism Care and Rehabilitation Center (2019): "Ministry of Social Solidarity", Ain Shams, Cairo.
- 32- Marwa Ibrahim Abdel Hamid (2021 AD): "Art practice as a therapeutic subject for autistic children," published research, Journal of Research in Art Education and the Arts, Faculty of Art Education, Helwan University, Volume 21, Issue 4.
- 33- World Health Organization (2019): "autism spectrum disorder", September 4.
- 34- Mona Mohamed Ahmed, Raafat Al-Sayed, Ahad Khalifa (2024 AD): "The effectiveness of a cognitive-behavioral program to improve some cognitive skills among children with autism spectrum disorder," Journal of Contemporary Psychological Studies, Volume 6, Issue 1, March.

Citation: Halaa Soliman, Sara Mahran (2024), The Role of Psychodrama tic Fashion in Developing the Cognitive Skills for Children with Autism Spectrum, International Design Journal, Vol. 14 No. 5, (September 2024) pp 65-83

- 35- Mai Muhammad Al-Wardani, Ihab Abdel Aziz Al-Beblawi (2023 AD): "The effectiveness of a program based on puppet theater in developing some life skills for children with autism disorder," Master's thesis, Arab Organization for Education, Culture and Science, Institute for Arab Research and Studies, Egypt.
- 36- Maha Mohamed Al-Sayed, and Marwa Mamdouh Mustafa (2013): "The effectiveness of using stencil printing in teaching autistic children and benefiting from it in printing designs for their textile hangings," published research, International Design Journal, October, Volume 3, Issue 4.
- 37- Mervat Muhammad Abdo (2016): "The effectiveness of a proposed training program based on group play activities in developing social skills among children with autism in the Emirate of Abu Dhabi the United Arab Emirates (case study), Master's thesis, College of Education, United Arab Emirates University United.
- 38- Nayef Al-Zari (2004 AD): "Autistic Behavior Assessment List", Dar Al-Fikr, no edition, Amman.
- 39- Hajar Osama Massad (2022 AD): "The Impact of Early Intervention on Children with Autism Spectrum Disorder," Arab Journal of Disability and Giftedness Sciences, Arab Foundation for Education, Science and Arts, Volume 6, No. 20, Egypt.
- 40- Hala Al-Alablam (2016 AD): "Secrets of Psychodrama Therapy", Dar Al-Hudhud for Publishing and Distribution, Dubai, UAE.
- 41- Hoda Abdel Aziz Muhammad (2021 AD): "Innovating educational clothing designs for early childhood children adapted from educational games," Journal of Research in the Fields of Specific Education, Faculty of Specific Education, Minya University, Volume 7, No. 34, May.
- 42- Hind Adel Muhammad, Iman Salah al-Din Saleh, and Muhammad Youssef (2022 AD): "Educational electronic games and their impact on developing interactive attention skills for children with mild and moderate autism," published research, Journal of Research in the Fields of Specific Education, Minya, Volume Eight, Issue 39., March.
- 43- Yasmine Ahmed, Asmaa Ali, Shaima Mamdouh (2023 AD): "Clothing designs for teachers of children on the autism spectrum," Hewar South Magazine, issue 19, October.
- 44- Yasmine Ahmed Al-Kahki, Asmaa Ali Ahmed, and Shaima Mamdouh Abdel Qader (2023 AD): "Contemporary clothing designs for autism spectrum teachers," published research, South Dialogue Journal GNU, Faculty of Specific Education, Assiut University, Volume 10, Issue 19, October.
- 45- Khowaja, Kamran; Salim, Siti Salwah, (2019): Serious Game for Children with Autism to Learn Vocabulary: An Experimental Evaluation International Journal of Human- Computer Interaction, 35 (1).
- 46- Flostein, E. (2009): Autism (cover story). International review of psychiatry, 11(4).
- 47- Anderson, K. A., Sosnowy, C., Kuo, A. A., & Shattuck, P. T. (2018): Transition of individuals with autism to adulthood: a review of qualitative studies. Pediatrics, 41(Supplement 4), S318-S327. https://doi.org/10.1542/peds.2016-4300I.

Paper History:

Paper received March 09, 2024, Accepted June 03, 2024, Published on line September 1, 2024.