

The creation of a basic industrial model for producing ready-made garments for short teenage girls

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Abstract:

The stage of preparing and building models is considered one of the most important stages of clothing production, as it is the link between design and implementation, and it has an important and fundamental role in the success of the clothing product. The basic model is the tool on which the quality of clothing depends, and it must have control, comfort, and conformity to the body., This research aims to develop a basic model for short teenage girls' clothing, implement a clothing sample according to the developed basic model, implement a dress to develop the ready-made clothing industry, and measure the opinions of specialists regarding the developed basic model and the implemented clothing sample, and the implemented dress directed to the industry. The research used the descriptive and analytical methodology with application. The research tools comprised a questionnaire to measure the opinions of specialists regarding the developed basic model for short girls' clothing, and two assessment scales to measure the opinions of specialists regarding the implemented clothing. The results concluded the creation of a basic model for short girls' clothing, and the implementation of a clothing sample and a dress according to the developed model to develop the ready-made clothing industry in Saudi Arabia. The research recommends providing more scientific research based on developing methods for building clothing models that are compatible with the nature of the body composition

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References:

- 1- Ibrahim, Awatif Bahig; Abdel Rahman, Ghada Abdel Fattah; and Kamal, Salwa Ashraf. (2022). An applied study to evaluate some methods of constructing a female corsage model to suit the Egyptian body. Journal of Research in the Fields of Specific Education. Faculty of Specific Education. Minya University. Volume (8): (38).
- 2- Abu Jaafar, Muhammad Abdul Abed. (2014). Developmental Psychology. Center for Educational Curricula and Educational Research for Printing and Publishing. Libya,.
- 3- Abu Musa, Ihab Fadel. (2007). Education and clothing taste. Dar Al-Zahraa for Publishing and Distribution. Riyadh, 91.
- 4- Ahmed, Suhair Kamel. (2013). Mental health of children and adolescents. Dar Al-Zahraa. Riyadh.
- 5- Al-Atrouni, Amal Muhammad. (2019). Mental health in light of some demographic variables in a sample of short people with high heads. Journal of Scientific Research in Education. Girls' College. Ain Shams University. Volume (20): (20).
- 6- Al-Mahmoudi, Muhammad Sarhan. (2019). Scientific Research Methods. Dar Al-Kutub. Sana'a.
- 7- Al-Jawhari, Rasha Abbas; Ibrahim, Nihad Ahmed; Al-Sayed; Hanaa Muhammad; Saad, Hasnaa Al-Sayed; Muhammad, Nihad Saber. (2016). The possibility of benefiting from recycling fabric residues to enrich women's outerwear. Journal of Specific Education Research. Faculty of Specific Education. Mansoura University. Volume (2016): (42).
- 8- Al-Shafei, Wafaa Hassan. (2009). Children's clothing from birth to 12 years. 2nd ed. Dar Al-Zahraa for Publishing and Distribution. Riyadh.
- 9- Al-Shawa, Mustafa Muhammad. (2012). Basic principles in treating short stature in children. Dar Shuaa for Publishing and Science Series.
- 10- Al-Omar, Mona Omar. (2022). Developing flat models to adjust children's outerwear according to

- physical problems. PhD thesis. College of Arts and Designs. Qassim University.
- 11- Al-Omar, Mona Omar. (2024). Developing a model of trousers for children with bow legs to serve the ready-made clothing industry in light of sustainable design requirements. Journal of Educational and Human Sciences. Emirates College of Educational and Psychological Sciences. European University of Arts and Humanities. (32).
- 12- Al-Otaibi, Sakr Manahi. (2024). Setting technical specifications for designing sustainable clothing for short women that meets their functional and aesthetic requirements using artificial intelligence. Journal of Specific Education and Technology (Scientific and Applied Research) Kafr El-Sheikh University. Volume (30): (1).
- 13- Ozi, Ahmed. (2011). Adolescents and school relations. 3rd ed. Al-Najah New Printing Press. Casablanca, Morocco.
- 14- Barakat, Siri Rushdi. (2008). Psychological counseling for people with special needs. Dar Al-Zahraa for Publishing and Distribution. Riyadh.
- 15- Bou Abdullah, Shahinaz. (2016). Internet use and its impact on adolescent students. Master's thesis. Faculty of Humanities and Social Sciences. University of Mohamed Kheider Biskra.
- 16- Hamdawi, Jamil. (2015) "Adolescence, its characteristics, problems and solutions", an electronic book in the Aloka Electronic Network for Publishing and Distribution.
- 17- Refai, Hatem Ahmed, and Salem, Shadia Salah. (2011). The effectiveness of a training program using multimedia to develop the skills of technical cadres in ready-made garment factories. Journal of Specific Education Research. Mansoura University. (23).
- 18- Saleem, Magda Mamoun; and Abu Hashima, Medhat Mohamed. (2018). Developing students' skills in building a model of men's jeans pants using the blended learning strategy and measuring its effectiveness. Scientific Journal of the Faculty of Specific Education. Menoufia University. Volume (1): (14).
- 19- Saleem, Magda Mamoun; and Mahran, Sarah Ibrahim; and Mohamed, Yasmine Fathy. (2019). A comparative study of methods of building and controlling the model of women's pants to benefit from them in the ready-made garment industry. The Egyptian Journal of Home Economics. Faculty of Specific Education. Ain Shams University. (35).
- 20- Abdullah, Alaa Youssef; Atallah, Ahmed Ramzy; and Sheikh, Fatima Muhammad. (2020). Technical specifications for short women's clothing. Journal of Home Economics. Menoufia University. Volume (30): (1).
- 21- Othman, Sohair Mahmoud, Khalil, Duaa Ahmed, and Sheha, Nahla El-Sayed. (2022). Innovating printed fabric designs for elderly women's clothing, Journal of Architecture, Arts and Humanities. Arab Journal of Islamic Civilization and Arts. Volume (7): (32).
- 22- Ghali, Ne'ma Youssef (2022). A comparative study between the profile method and the Terry Ellison method and its use in implementing the women's corsage to reach a standardized model. Journal of Research in the Fields of Special Education. Menoufia University. Volume (8): (40).
- 23- Kafafi, Alaa El-Din. (2009). Evolutionary Psychology (Childhood and Adolescence Psychology). Dar Al-Fikr for Publishing and Distribution. Amman.
- 24- Moawad, Khalil Mikhail. (2003). Developmental Psychology: Childhood and Adolescence, Alexandria Book Center, Alexandria.
- 25- Saudi Ministry of Health (2021). Available on the official website:https://www.moh.gov.sa/HealthAwareness/EducationalContent/Miscellaneous/Pages/026.asp x(23 September2024)
- 26- Genie M. B., Salman K., Alice P., Jose S. P.& Michael C. B. (2013), "Ocular moyamoya: syndrome in a patient with features of microcephalic osteodysplastic primordial dwarfism type II". Journal of American Association for Pediatric Ophthalmology and Strabismus, 17(1). 100-102
- 27- Timo, R., (2007): "Types of Fashion Design Pattern" University of Technology, Sydney. Australia.

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