The Effectiveness of a Constructive Learning Model in the Development of Embroidery on Knitting Knowledge and Skills

Dr. Asmaa Ali Ahmed Mohamed  
Lecturer of clothing and textiles, Department of Home Economics, Faculty of Specific Education, Assuit University

Dr. Attiat Ali Abd El Hakeem  
Lecturer of clothing and textiles, Department of Home Economics, Faculty of Specific Education, Assuit University

Abstract:
The current era is characterized by successive changes, increasing information and knowledge developments covering all areas of life, which requires those who are in charge of the educational process to keep up with these changes by providing individuals with methods that achieve growth and progress and keep pace with developments that occur without interruption and because the theory of constructive learning is one of the most important theories Which caused a profound revolution in the modern educational literature, the constructive view that the knowledge cannot exist outside the individual, but the construction of reality and occur as a result of mental construction positive and that the recognition is produced through the interaction between prior knowledge. The previous studies in the field of specialization have agreed that the use of constructive learning strategy in the development of cognitive and skillful performance is one of the most successful methods used in learning. Hence, the two researchers came to the need to develop some embroidery skills on knitting to produce embroidered pieces of embroidery characterized by aesthetics. Research problem: The problem of research can be formulated in the following questions: 1- The effectiveness of the constructive learning model of embroidery on knitting in terms of: A. The development of knowledge and skill performance in the use of some embroidery stitches in the form of (ant stitch nest and some stitches of Brazilian embroidery) on knitting. B. the views of students towards learning some of the embroidery skills on knitting using the model of constructive learning. Research Objectives: 1 - to identify the extent of the model of constructive learning on both: Cognitive collection (recall, understanding, analysis, installation) of embroidery on knitting. a. The skilled performance of embroidery on knitting. b. the students' views towards learning some embroidery skills on knitting using structural learning model. Methodology: The search uses both: 1. The semi-empirical approach of the single experimental group (tribal-dimension) to identify the effectiveness of the independent variable (constructional learning model) on the dependent variable (knowledge acquisition, skill performance, student views). 2.descriptive analytical approach: used to analyze the theoretical framework used during the sessions of constructive learning, and measuring the views of students through the questionnaire. The results: the constructional learning model has an effective learning of the art of knitting embroidery on the level of D statistically. There are statistically significant differences at (0.01) between the average scores of the experimental group students in the acquired knowledge of embroidery on knitting before and after application in favor of the application After the application of the post-application test, the student's views are positive towards the acquisition of knowledge and the acquisition of the art of embroidery on knitting using the constructive learning model, which was agreed by some previous studies.

Keywords: Constructive Learning Model, Knowledge and Skills, Embroidery, Knitting.

Paper received 2nd November 2017, accepted 8th December 2017, published 1st of January 2018