

## The effectiveness of flipped learning strategy on student achievement in modeling of middle childhood school shoes (6-9) years

**Prof. Nadia Mahmoud Khalil**

Professor and former head of the Leather Industries Department, Faculty of Home Economics - Helwan University

**Prof. Ahlam Abdel-Azim Mabrouk**

Assistant Professor and Head of the Educational Home Economics Department, Faculty of Home Economics - Helwan University

**Dr. Sanaa Mohamed Fathy**

Lecturer, Department of Leather Industries, Faculty of Home Economics - Helwan University

**Dina Muhammad Safwat Saad Al-Shabasi**

Master Student, Faculty of Home Economics, Department of Leather Industries, dinaelshabasi1411@gmail.com

### **Abstract:**

The world is witnessing in the present era rapid developments forced societies to seek to keep up with these successive developments in various fields, and this by working to modernize their various systems, perhaps the most important in the field of education, and the development of the educational system in the present era in an integrated way has become an imperative in all societies. The available and appropriate technology helps to change the traditional lecture style, and from that point of view emerged other modern methods trying to shape the process of teaching and learning in a new way, to transform the traditional role played by the educational entity and the home, where the student has a greater role towards taking responsibility for his learning, among those strategies that seek to achieve that strategy Inverse Learning, I agree (Saif Saad, 2017, 243), (Ahmed Abdeslam, 2017, 40), (Hosni Mohamed Awad et al., 2010, 3) that inverse learning is the opposite or heart Learning tasks between lecture and home, so that the lecturer takes advantage of new technologies and the Internet to prepare lessons by video tape to watch the student explain the lecture at home. **Statement of the problem:** Lack of scientific foundations to be followed when designing and preparing school shoes models for children in middle childhood according to the anatomical composition of the feet. The reluctance of some students to the normal teaching methods in which the lecturer is the focus of the teaching process only. **Significance:** This study can be used to teach shoe design courses (1,2) who are currently studying in the third division in the Department of Leather Industries - Faculty of Home Economics - Helwan University, This study opens the way for other studies in the use of the inverse learning strategy and its use in other courses, Keeping up with the modern technological developments of learning methods and methods and applying them with high quality, Increase student motivation to continue to learn for life. **Objective:** The research aims to measure the effectiveness of applying the inverse learning strategy to cognitive achievement and skilled performance in the preparation of some school shoe models for children in the middle stage (6-9) years compared to the traditional way of preparing shoe models **Research methodology:** This research follows the descriptive analytical approach and the semi-experimental approach.

### **Keywords**

### **Paper History:**

Paper received 9<sup>th</sup> August 2019, Accepted 13<sup>th</sup> September 2020, Published 1<sup>st</sup> of October 2020