

The Effectiveness of Using Individual Education with Instructional Kits in Teaching Instructional Media on the Cognitive Achievement and Development of some Performance Skills of the Students Home Economics

Abstract

The research aims to identify viability and usability of utilizing Individual Instructional Kits in delivering designated Instructional Media, and to identify its efficiency in achieving cognitive acquirement and development of certain performance skills; and to compare this method with traditional instructional approaches. In addition, the researcher aimed to identify differences between the contents of the instructional kit such as course materials and multi-media, cognitive acquirement, levels of performance skills achieved, and duration of course achievement.

The trial study was conducted using a sample of (60) female students from the Home Economics Division, and later divided into two Groups. Group one consist of (21) students, who received their education via traditional teaching methods, representing the "Controlled Group". The second Group consists of (39) students who studied utilizing individual educational kits, representing the "Trail Group". Thereafter, the Trail Group ha been distributed into three subgroups according to the selected instructional methods. Subgroup (1) consisting of (23) female students, studied utilizing instructional computer programs. The Second Subgroup, consisting of (13) female students studied utilizing instructional videos. The Third Subgroup consisting of (3) female students studied utilizing educational textbook programs.

In order to reach valuable conclusions through this research, and to ascertain its viability, the researcher designed an educational kit that contains educational programs which include three diverse instructional programs in one particular subject matter, which is "Display mechanism for Opaque and Transparent Materials", as well as assessment tools for cognitive testing, performance skills testing, and appropriate forms for rating test scores and evaluation. The researcher employed K. Wallis Testing Scale and T-Test methods, and In fact the study revealed the following: It was evident that utilization of Educational kits is an effective method for efficient achievement and performance skills. The results were derived from both Groups subjected to the study which demonstrated viability and usability of educational kits.