

EFFECTIVE OF EDUCATIONAL SCAFFOLDINGS IN IMPROVING ACHIEVEMENTS AND SOME OF SCIENCE OPERATION SKILLS FOR STUDENTS IN PREPARATORY LEVEL IN MECCA.

KAWTHER BALGOON

College of education - Om _Elqura University

ABSTRACT _ This study aims to use the educational scaffoldings in improving achievements and some of science skills for female students in preparatory level in Mecca through answering the main question which is: what is the Effective of educational scaffoldings in improving achievements and some of science skills for students in preparatory level in Mecca?, the researcher uses Quasi-experimental method on a random stratified sample which is (108) students, (56) as an experimental group and (52) is the control group, the control group was studied in the traditional method and the experimental group in the scaffoldings method, through the tools of the study which is an exam in the unit (Attributes material) which applied twice (pre and post) before and after the program, the most important result that there is a statistical significant between students in the favor of training program through scaffoldings method in (understanding, Assimilation, application) and anther statistical significant between students in the favor of training program through scaffoldings method in (Observation, classification, Measurement, reasoning), The effect size was calculated to Extract The strength of significance by Eta Square (η^2), it sows' a large effect size in (understanding, Assimilation, application), and middle effect size in (classification, Measurement, reasoning), finally researcher recommends to need to apply the educational scaffoldings in studying science skills, and to train the teachers to use it.

KEYWORD_ educational scaffoldings, achievement , science operation skills