

PRODUCING A COMPUTER SOFTWARE FOR LEARNING, ASSESSING LEARNING, AND STUDYING ITS EFFICIENCY

MOHAMMED ELACHCHAOU
Faculty of Education Sciences - Rabat
University of Mohamed V- Rabat - Morocco

Abstract_ The survey aimed at checking the efficiency of a learning and assessing computer software produced by the researcher. It concerns dictation and grammar of the Arabic language in the sixth grade of the primary school. This computer software was produced on the basis of Flash Player.

The survey targeted a sample of 314 students (boys and girls) divided into two experimenting and measuring groups. The computer software was used as a tool of study to assess the assimilated knowledge using the constructivist approach, experimental method, and then the descriptive approach to interpret the findings.

The results of the study have shown the existence of differences with statistical signification between the two groups in the post application in favour of the experimental sample due to the tool of study.

The study has recommended the necessity of using learning and assessing computer software as it has an obvious positive impact on the learning components and assessments.

Keywords: computerized assessment, dictation and grammar of the Arabic language, and the computer.