Effects of Web-Enabled Sculpture Package on Colleges of Education Students' Psychomotor Ability in Fine Arts in South-West, Nigeria

Authors : Ibrahim A. Kareem, Sina O. Ayelaagbe

Abstract : This study investigated the effects of web-enabled Sculpture package on Colleges of Education students' psychomotor level in Fine Arts in South-west, Nigeria. The objectives of this study were to: (i) determine the effect of web-enabled Sculpture package on Fine Arts Students' performance; (ii) find out the effect of ability levels on Fine Arts Students' performance and (iii) ascertain the interaction effect of treatment and ability levels on Fine Arts Students' performance. The study was quasi-experimental design. A total of 48 Fine Arts Students participated in the study. There were 26 students in experimental and 22 for the control. The respondents were purposively sampled from Adeyemi College of Education, Ondo and Federal College of Education (Special) Oyo. Sculpture Achievement Test, Sculpture Skill Test and Sculpture 'on the Spot' Skill Assessment Instrument were validated by experts while Pearson's Product Moment Correlation (PPMC) statistics was used to analyse the instrument while the remaining two instruments were subjected to Cronbach alpha statistics. Data were analysed using t-test and ANCOVA were used to test the hypotheses at 0.05 level of significance. The findings of the study revealed that: (i) Fine Arts Students' in the experimental group performed significantly better than the control group; (ii) there was a significant difference among high, medium and low ability levels mean scores of Fine Arts Students' performance in Colleges of Education; (iii) there was no significant interaction effect of treatment and ability levels on the mean scores of Fine Arts Students' performance in Colleges of Education and. The study concluded that Fine Arts Students exposed to web-enabled Sculpture package performed better than those taught using the conventional method. Based on the study it was recommended that lecturers in Colleges of Education should endeavour to adapt and utilise web-enabled Sculpture package for teaching sculpture.
Keywords : fine art, psychomotor, sculpture, web-enabled

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