

Abstract

Two (2D) or three (3D) dimensional image among students on implicit/explicit memory were investigated. A recognition and an affect judgment test were selected. In Experiment 1, no recognition and affect judgment difference between the two groups was found. In Experiment 2, 3D group recognized better than the 2D group. Mere exposure effect was found in 2D group. Dimensional difference in implicit/explicit memory was discussed in the multiple system view. The results of the current study support the bottom-up view in accounting dimensionally different image. 2D contains more surface information and 3D more structural ones, and 2D develops into a 3D image. Results in the current study suggest that dimensional manipulation can be further tested on implicit/explicit memory researches.