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Thesis Title : The Perceptual Effects of Color Letters on Clear Background and Color Letters on Opaque Background of Overhead Transparencies.

Major Field : Technical Education Technology

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Abstract

The purpose of the research was to study the effects of color letters on clear background and opaque background of overhead transparencies. The samples were 140 Mothayom Suksa 1 Student of Santirat Vithayalai School selected by simple random sampling. All of them have normal visual perception. They were divided into 14 experimental groups of 10 students each. After the experimentation, data were analyzed by means of two-way analysis of variance and one-way analysis of variance.

The research results revealed :

1. There was no significant difference in perceiving effect of color letters on different background at 0.05 level.
2. There was significant difference in perceiving effect of different color letters at 0.05 level.
3. There was interaction effect between color letters and background.
4. There was significant difference in perceiving effect of color letters on clear background at 0.05 level.
5. There was significant difference in perceiving effect of color letters on opaque background at 0.01 level.